COMMERCIA RAILWAY

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 1269.—Vol. XXIX.

LONDON, SATURDAY, DECEMBER 17, 1859.

STAMPED ... SETPENCE. UNSTAMPED .. FIVEPENCE

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MR. JAMES CROFTS, SHAREBROKER,

No. 1, FINCH LANE, CORMITTLE (established 15 years), begs to intimate that he BUYS and SELLS every description of BRITISH and FOREIGN STOCKS and SHARES, particularly BRITISH MINING SHARES, in which dividend an are paid realising 15 to 20 per cent. per annum.

Mr. Chorty's Lat of Sixty-one British Minos Paying Dividenda in 1840 (edition No. 9), also Mr. Chorty's Selected List of Sixty-five Proximate Bividend and Progressive Minos (edition No. 8), the basis of both Lats soling the statistics given, of each mino in the Mining Journal, are now ready. The price to subscribers is £1 annually, and to non-amberthere 6d, for both copies. The Lists contain, beading the statistical matter, the manes and addresses of the pursors, or management, of each mino.

Mr. Casors refers the readers of the Journal to his weekly review of the market, on page 575. The present moment presents paculate supportunities for investments on large seals.

MR. JAMES LANE, No. 29, THREADNEEDLE STREET,
MINING SHARE DEALER.
Mr. Laws is prepared to DEAL in the following shares:—Great Whical Fortune, Great
North Tolgus, Okel Tor, Calstock Comools, Carayorth, West Trevelyas, North Roskear,
Marke Valley, East Caradon, Providence, Pelyn Wood, Great Caradon and Slade, &c. 2

TAMES B. BRENCHLEY, 78, OLD BROAD STREET,
LONDON, E.C., is a BUYER for each of any of the marketable BRITISH
MINING SHARES mentioned in this Journal, whilst these parties desirous of purchasing may do so upon advantageous terms at not prices, for immediate delivery, or
where the state of the state of

M. R. L.E.L.E.A.N. again advises expitalists to purchase East Wheal Russell shares at present prices, notwithstanding the conflicting statements of prices agents, faciling assured, without prejedice, that the prospects of the mine are an abilished tar, and that by perchasing now immenses profess will be realized in three suits. This advice is given on the most reliable information.

4, Cushion-court, Old Broad-street, E.C., Dec. 16, 1859.

MINE SHARE LIST.—Mn. LELEAN will publish a LIST of BUYING and SHALING PRICES of those SHARDS that are dealt in on the market up to Four o'clock on every Prices, in the columns of this Journal (-

| Buying. Seffing. | Buying, Salling, |
|-----------------------------------|--|
| Alfred Consols 5 5% | Redmoor 6s 6a. Bosewarne Consols 9 214 |
| Bryntail 4 4% | Bosewarne Compole 214 |
| Carn Brea 85 87% | Rosewarne United 45 50 |
| Craddock Moor 35 3716 | South Caradon Hooper 114 114 |
| Charles Wasse & SPh.) | South Caradon 255 265 |
| Francis 1% 1% 1% | South Tolgus 70 75 |
| Ding Dong 1516 1616 | South Wheal Frances 165 170 |
| Dario 16% 16% | St. Iven Consols 54 56 |
| Devon Great Consols 435 445 | South Conductow 16s. 6d % |
| East Baset | Stray Park 1014 2014 |
| East Wheal Margaret 4 5 | South Lady Bertha \$484. 6d. |
| East Wheal Russell 12 1214 | Treloweth 71/4 71/4 |
| Wast Caredon 614 6M | Tamar Consols |
| East Trefusis 4 4% | Tincroft 54 |
| East Grenville 10s.6d 11s. | Tolvadden 6 |
| Gonamena 2% 2% | Trelyon Consols 1714 20 |
| Great Caraden 10s 12s. | United Mines 115 120 |
| Closet Howas | Wheat Arthur 56 % |
| Great Wheal Alfred 36 114 | Wheal Beeth 45 |
| Grambler and St. Aubyn 62 4 65 | Wheal Margery 1034 1134 |
| Great South Tolgus 14 14% | Wheal Grenville 3% 4% |
| Great Retulisck 14s 154. | West Wheal Margaret . 1 |
| Herodsfoot 2114 221/4 | Wheal Trelawny 29 30 |
| Hingston Down 5 54 | West Wheal Seton 390 400 |
| Huckworthy Bridge 36 9s. 6d. | Wheal Mary Ann 301/ 05 |
| Kelly Bray 314 334 | Wneal Ludcott 31/2 33/4 |
| Lady Northa % 1 | Wheal Margaret |
| Marko Valley 5 514 | Wheal Kitty (Lelant) 1214 1314 |
| Molland | Wheat Grylls 414 |
| North Downs 5 54 | Wheat Clifford 200 300 |
| North Wheal Crofty 9 10 | Wheal Charlotte 34 34 |
| North Roskear 31 33 | Wheal Basset 177 1824 |
| North Wheal Basset 514 514 | Wheat Buller 100 1.00 110 |
| Old Tolgus United 7 8 | West Fowey Consols 634 714 |
| Par Consols 11 111/2 | West Caradon 7814 78 |
| | West Basset |
| Pelyn Wood 21/2 25/2 | Wendron Consols 49 51 |
| Pendeen Consols 8 8 | Mest of the party of the water of the said to the said |
| Mr. LELEAN, Stock and Sharedealer | 4, Cushlon-court, Old Broad-street. |
| | |

Rankers: Sir John W. Lubbook and Co., Massion House-street.

WEEKLY MINING CIRCULAR AND SHARE LIST published by PETER WATSON every Friday, in time for post, which give he most reliable information of any circular or journal published on mining matters in the property of the property

ETER WATSON, ENGLISH AND FOREIGN STOCK, SHARE, AND MINING OFFICES, 179, OLD REGAL STREET, LONDON, E.C. Telegraphic orders to buy or sell mine shares punctually attended to.

VECE OF REFERENCE AT PETER WATSON'S.
VENDRON CONSOLS. LEWIS MINES. WHEAL GRYLLS,
WHEAL BASSET AND GRYLLS (late Porkellis United Mines).

CLEMENTS AND HEMMINGS, STOCK, SHARE, AND MINING BEOKERS, AND AUCTIONEERS, No. 3, OLD REGAL-STREET, LONDON, E.C., and No. 45a, WESTERN ROAD, HOVE, BRIGHTON. Established II years.
WANTED:—North Rosker, Wheal Margory, Tincroft, East Russell, Wheal Trellawing, Trellyon, and Hingston Down.

eyon, and Hingston Down.

Messra, Clesterts and Hessamsos have VIRST RATE OFFICES TO LET in LOMRED STREET, CITY; also, some FIRST-CLASS FREEHOLD HOUSES FOR SALE
BRIGHTON, saying £6% to £7% per cent.

ENRY GOULD SHARP, 82, POULTRY, LONDON, E.C. advises his friends and the publicate buy chares in the following mines:—

DIV DEED BUY SINCE IN the FOLLOW
DIV DEED MINES.
South Tolgus, Wheal
St. Ives Consols. Wheal
South Wheal Frances. Wheal
United Mines. Wheal
West Wheal Seton. Wheal
of of dividends increasing, and shares adva Wheal Buller. Wheal Buller. Wheal Clifford. Wheal Kitty (Lelant).

y prespect of dividends increasing, and shares advancing in pric
MINES WITH DIVIDENDS IN ABEYANCE.
Hingston Down.
Marke Valley.
Wheal Arthur.
Worth Rockear.
Wheal Reeth.
a buying, not only for a great rise in price, but for future divides

PROGRESSIVE MINES.
Lady Bertha.
New Wheat Seton.
North Downs. South Condurrow. Stray Park. West Wheal Frances.

Wheal Grenville.
Wheal Harriett.
Wheal Margery.
to, the rest are doing well.
he closest market prices,
Great Caradon; sollers to state at Caradon.

Sorth Wheal Crofty.

Stath Baset.

Averal of Lene are fast approaching a dividend a
NOTICE.—SHARES BOUGHT and SOLD a

MR. GEORGE BUDGE, 4, ROYAL EXCHANGE BUILDINGS, LONDON, has FOR SALE:—4 Kast Basset, £594; 5 Providence, £46; 50 East Russell, £11 18a, £4; 55 Past Caradon, £594; 4 Margaret, £504; 5 Grambler, £554; 5 West Caradon, £75%; 1 West Seton, £400; 25 Grant Wheal Fertume, £174; 2 United Mines, £116; 50 Merke Valley, £594; 25 Aifred Consols, £54; 50 Buller and Bertins; 50 Himpston Down, £5 5a, £6.; 50 North Downs; 25 Tolvadden, £575; 10 Stray Fark, £209;; 100 Wheal Arthur, 14a, 94.; 5 Old Toigns, £3; 5 Herotston, £59; 100 Great Caradon, 12a, £6.; 100 Holmbush, £28;; 100 South Consurrow, 19a, 95.; 50 Felyn Wood, £27a; 100 Great Relatinck, 15a; 50 Gravt Wheal Airred, £5a, £56; 50 Felyn Wood, £27a; 100 Great Relatinck, 15a; 50 Gravt Wheal Airred, £5a, £50 Gravton, 14a; 4 Tralaway, £305;; 100 Wheal Harriett, £4a; 50 Gawton, 14a; 4 Tralaway, £305;; 100 Wheal Unity, £5a; 50 Gravton, £5a; 50 Hadwerthy Bridge, 10a, 26a; 100 Drake Wells, £5a; 5 North Rosker, £31; 50 Wendren United, £444; 100 Traward Consols, £5 8a; 30 Wheal Wrey; 40 Wheal Grenville, £4 6a; 26.; 100 Vals of Towy. The said of the sa

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prices, FREE OF ANY COMMISSION:

10 Carryortt, 234;
10 Carryontt, 234;
15 Drake Walls, 22s. 6d.
16 North Downs, 254;
16 Drake Walls, 22s. 6d.
19 North Bowns, 254;
11 West Carndon, 2764;
18 East Basset, 21344;
10 West, 22s. 6d.
10 North Bowns, 254;
11 West Scton, 2395;
10 West, Carndon, 2764;
12 Seat Gunnis Lake and
12 Felyn Wood, 223;
10 West, Carndon, 2764;
10 West, 2770;
10 We

To Herossor, 2374. 1 United Misse, 21184.

PURCHASERS of undoubted respectability can register transfers and receive CEETI-FICATES of same previous to PAYMENT.

Geonor Moone will BUY or SELL any shares for the following rates, when instructed to do so:

For shares under £1 each

Above £1 and under £2 0 1 0 ...

Above £2 and under £2 0 1 0 ...

Special arrangements made with capitalists transacting a large amount of business.

In any business thas Geonor Moone is avoured with, in which he is the huyer, he will give CASH ON RECEIPT OF TRANSPER.

| AMES HERRON | has FOR SALE the following SHARES, at the prices quoted, and FREE OF COMMISSION:—
| 5 Aired Cons., 2516. | 60 Lady Eliza, 4s. 3d. | 25 Trewestin, 2136. |
| 40 Ruller & Hertha, 2346. | 10 Lewis, 2346. | 1 Trelawny, 2734. |
| 5 Biniter & Hersha, 2346. | 20 Linares, 2116. | 1 Trelawny, 2734. |
| 10 Right & Hersha, 2346. | 10 Nant. & Penr., 24s. 6d. | 1 Trelawny, 2734. |
| 10 Right & Hersha, 2346. | 10 Nant. & Penr., 24s. 6d. | 1 Trelawny, 2734. |
| 10 Right & Hersha, 2346. | 10 Nant. & Penr., 24s. 6d. | 1 Trelawny, 2734. |
| 10 Right & Jazz, 13s. 3d. | 10 North Basset. | 10 North Basset. | 20 No. Dolcotth, 23 S. 3d. | 1 Trelawny, 2734. |
| 1 Cook & Kitchen, 213. 3d. | 10 North Basset. | 213. | 1 West Caradon, 275. |
| 1 Cook & Kitchen, 213. | 1 North Bosker, 2344. | 1 West Caradon, 275. |
| 2 Corber. | 1 North Bosker, 2344. | 1 West Caradon, 275. |
| 3 David Burra Burra, 2344. | 1 North Bosker, 2344. | 1 West Caradon, 275. |
| 4 David Burra Burra, 2344. | 1 Panc Consols. | 20 Pendeen, 2344. | 2

2 Cohre.

2 Cohre.

3 Deaham Bridge, 3s. 10d.

5 Drake Walis, 32s. 6d.

1 Pr.

20 Dev. Burra Burra, £2½.

5 East Russell, £12½.

20 Pe

5 East Russell, £12½.

20 Pe

5 East Candon, £6 6s. 3d.

6 East Basset, £123½.

10 East Alfred, 2ss. 6d.

20 E. Gannis Lake, £2½.

3 Great Restalick.

1 Sembler, £63.

1 Great Hevas. 12s. 3d.

10 Sen.

1 East Basset, £128 4.

2 Fast Alfred, 24s. 6d.

2 E. Gunnis Lake, £29 4.

3 Great Retailack.

1 Granbler, £63.

3 Great Howas, 12s. 3d.

4 Great Howas, 12s. 3d.

5 Great Howas, 12s. 3d.

5 Great Howas, 12s. 3d.

5 Great Howas, 12s. 3d.

10 Schirdige Coss. 14s. 9d.

20 So. Lady Bertin, 7s.

20 So. Lady Bertin, 7s.

20 Great Alfred, 26s. 3d.

5 Great Alfred, 26s. 3d.

5 Great Howas, 2s.

5 Tolvadeo, £54.

5 Triovadeo, £54.

5 Tolvadeo, £54.

25 Trewestha, £15, at 25 Trewestha, £15, 1 Trelawny, £254, 5 Trelyon Consols, £194, 5 Tricyon Consols, £194, 5 Trelyon Consols, £18, 5 West Stray Fark, £34, 5 West Stray Fark, £34, 5 West Stray Fark, £35, 5 Wheal Margaret, £36, 5 Wheal Margaret, £36, 64, 1 Wheat Seton. 20 Wheat Margaret, £36, 64, 1 West Seton. 5 Wheal Rese, £44, 4 Wheal Ellen, £10, 10 Wheal Charlotte, £16, 50 Wheal Charlott

In October last Mr. HERROS, among other mines, strongly recommende ear at £17. There are several other mines which offer equal chances of sciton forwarded upon application. 2. Adam's court, Old Broad-street, Dec. 16, 7259.

MESSRS. VIVIAN AND REYNOLDS, 68, OLD BROAD STREET, LONDON, E.C., MINING ENGINEERS, INSPECTORS of MINES, COMMISSION, and GENERAL AGENTS for the PURCHASE or SALE of MINES SHARES, RAILWAY, and EVERY OTHEE DESCRIPTION of STOCK.

Mossrs, Vivian and Haynolds's Mining Circular and Price List is issued every alternate Friday, containing an article on some subject connected with mining. Reports of mines from their own agents, notices of alterations in the prospects of mines, sales of ores, a correct list of the market price of mine shares, and a summary of the London saining share market. Price for Circular, 7s. 6d. per anum in advance.

Commission on share transactions, 1½ per cent. on £100 and above, and 2½ per cent. for less sums.

MR. C. POWELL, MINING SHAREBROKER,
2, SPREAD EAGLE COURT, FINCH LANE, LONDON, E.C.
Terms of Commission, 134 per cent. Office hours, from Ten till Six.

Doc. 16, 1889. Bankers: Olty Bank, Finch-lane, E.C.

Dec. 16, 1839. Bankers; Otty Bank, Finch-lane, E.C.

FDWARD COOKE, SHAREBROKER, 54, THREADNEEDLE

STREET, LONDON, E.C., has FOR SALE, at nett prices, the following firstclass shares, which pay from 15 to 20 per cent. in dividends:—

2 West Caradon, 278. 1 Wheal Basset, 2185. 5 Gt. 50. Tolgus, £14½.

1 Clifford, 2305. 1 Grambler, 255½. 2 Providence, £47½.

5 West Basset, £18½. 1 East Basset, £12½. 5 Herodefoot, £22½.

Also the following:— 10 Cum. Bik. Lead, £2½. 25 South Caradon Reoper

10 East Bassel, £1½½. 50 Worthing, 10s. 6d.

4 Old Tolgus, £7. 2 Bryn Gwior, £45. 50 Vale of Towy, 14s. 6d.

50 Round Hill, 6s. 6d. 20 Pejry Wood, £2½. 25 Grest Hewas, 11s. 6d.

E. Cooke is a buyer of any number of Tolvadden, at £6.

Railway and other securities bought.

Bankers: Commercial Bank, Lothbury, E.C.

ROBERT OLDREY, STOCK, SHARE, AND MINING BROKER, 8, FINCH LANE (adjoining the City Bank), LONDON, E.C. Torms of commission for buying or solling shares in mines, railways, or banks, for, warded on application. Bankers: London Joint-Stock Bank.

C H A R L E S D A V E Y A N D C
SAPETY FUSE MANUFACTURERS,
ST. HELEN'S JUNCTION, LANCASHIRE. A SSAYS AND ANALYSES of any ORES, MINERALS, or ALLOYS are UNDERTAKEN by HENRY BATH AND SON,—Mining Office, Swainses, Dec. 16, 1859.

CHARCOAL PIG IRON, MADE FROM MAGNETIC ORE, SUPPLIED from London of Liverpool in LARGE of SMALL QUANTITIES.—
For price, &c., address The East Indian Isos Company, 8, Austinfrians, London, E.C.

THE MIDLAND IRON COMPANY, ROTHERHAM, MANUFACTURERS of BEST "YORKSHIRE," and of STEEL IRON TYRE BARS, for LOCOMOTIVE ENGINE, CARRIAGE, and WAGON WHEELS. Also of REFINED, SCRAP, STEEL IRON and "YORKSHIRE" BARS, HOOPS, RAILS, ANGLE IRON, MALLEABLE SHAFTS, AXLES and FORGINGS.

HOW TO MAKE MONEY IN BRITISH METALLIC MINES.

Apply to Measur. J. GREEN AND CO., STOCK, SHARE, AND MINING
AGENTS, 19, BISHOPSGATE STREET WITHIN, E.C.

Capitalists should operate only in mines upon the trapection and reports of competent

agents, which can be furnished by the above, as also the particulars of an established property in which great gain is certain. Investment in British Dividend Mines may be made to yield 16 to 20 per cent. per annum. In Progressive Mines, large profits may be realised, older by purchase and idicious market operations. Frices and full information supplied graits.

MR. THOMAS SPARGO, MINING ENGINEER AND SHAREBROKER, 228 and 224, GRESHAM HOUSE, OLD EROAD STREET, LONDON, is enabled, through his long experience as a practical miner, aided by his monthly visits to Comwall and Devon, to GIVE SOUND ADVICE and ACCURATE INFORMATION on the position and prospects of the various mines in these counties.

Mr. SPARGO has FOR SALE SHARES in MINES paying from 20 to 25 per cent. per munum in bi-monthly or quarterly Dividends, and also a number of shares in Progressive Mines, at a low figure.

Mines, at a low figure.

A Physical, Geological, and Purish Map of Cernwall, sent free for 10s. 6d.

GEOLOGICAL MAPS of the VARIOUS DISTRICTS in CORNWALL, embracisp upwards of SEVEN HUNDRED MINES, showing the boundary lines of every mine, with the lodes, cross-courses, and elvan courses traversing each. The mines in these maps are arranged under three beads, viz. :—Dividend Mines, Mines Returning Ores Not Paying Dividends, Progressive Mines, and Albert Abandoned, thus showing the real position of every mine with the surrounding descripts to that the merest tyre may at a glance understand the character and value of its geometry in which they may wish to invest. Price, 5s. each.

MR. T. P. THOMAS, MINING SHABEDEALER AND AUCTIONEER, 2, CROWN COURT, THREADNEEDLE STREET, LONDON.

Mr. T. F. Tuotas can with confidence recommend for investment, vance in price, Minera, North Minera, Cestral Minera, Lower Fas South Caradon, West Caradon, North Roskear, Treserom, Margery, Toleame, in all of which he is prepared to transact business. Business transacted in mines generally at the closest market prices to £250, 245 per cent; above that sam, in one transaction, 1% per spected ou moderate terms.

MR. T. E. W. THOMAS, MINING AGENT AND GENERAL MINING SHARE DEALER, 11, DAIL STREET, LIVENPOOL.

Mr. THOMAS IS A SELLER Of 75 Wheat Fursion, 20 Daie at 17s., 3 West Frances, 12 Clight and Westworth, 1 Old Tolgus United, 50 Vale of Towy at 16s. 8d. And is a BUYER of 5 North Roskear, 60 Refmoor, 20 South Confurrow, 10 East Caradon, and 10 North Great Work.

JOHN ROBERT PIKE, MINING SHAREDEALER, & PINNER'S COURT, OLD BROAD STREET, LONDON.

MR. J. SECCOMBE LANE, MINE SHAREDEALER, ST. MICHAEL'S CHAMBERS, ST. MICHAEL'S ALLEY, CORNHILL, LONDON, connected with the London Mining Market for many years, has SPECIAL BUSINESS, in East Caradon, Work Caradon, Marke Valley, Sortridge, Phonix, South Wheal Phonix, South Frances, Worthing, &c.

R. JOHN RISLEY, STOCK AND MINING SHAREBROKER, 22, LOMBARD STREET, LONDON, E.C. Commission, 14, per cent. Bankers: London and County Bank.

MR. GEORGE HENWOOD has REMOVED his RESIDENCE to a more central situation, 12, WILTON-SQUARE, NEW NORTH-ROAD, 30

MR. J. SYKES, LEEK, STAFFORDSHIRE, has BUSINESS in the following MINES:—Ribden, Date, Oakamoor and Stanton, West Tolvadden, Caradon and Stade, Catherine and June, and Lady Bertha.

MINING OFFICES,—JOHN GLEDHILL AND CO., MINE AGENTS AND SHAREBROKERS, CORN EXCHANGE, LEEDS, have SEVERAL VALIABLE COAL, LEAD, and COPPER MINING SETTS to DISPOSE OF, which they can fully recommend, and are prepared to communicate information and full particulars to bond fide parties. They are also BUYERS and SELLERS of SHARES in most of the DIVIDEND and PROGRESSIVE MINES.

M. R. JAMES REED, MINERAL SURVEYOR, SHAREBROKER, AND COMMISSION AGENT, 48, CASTLE STREET, LIVERPOOL, BUYS and SELLS MINE and RAILWAY SHARES and STOCKS of every description, at the closest market prices. Commission, 1½, per cent., on all sums exceeding £100; under that sum, 40; in £1.

J. REED has FOR SALE shares in the following mines:—Cambon and Stacks, £1 per share; Cumberland Black Lead; East Hazel, 5. 30; per share Wheal Fursion, £5 is.; Toes Head and Grossgill Head (Cumberland), Wheal Crabor, Gwydyr Leaf Mine (Liantwist); Budnick United Mines, £1; 65 South of Europe Mining Company (£5 paid-ung shares). J. Reed is in a position to advise capitalists concerning some lead ore setts, also coal and iron actis; he feels confident they are worthy of attention.

MINING OFFICES, NEWTON ABBOTT, DEVON.—
M. TREMAYNE AND CO. beg to inform their numerous friends, and the public that they have OFENED the ABOVE OFFICES as MINE SHAREBROKERS, and are PREPARED to BUY and SELL SHARES at market prices, on comunication.

They would specially draw attention to the Newton and Asiburton district, which is opening up some most promising misses, atmongst which may be enumerated Asiburton United, Wheal Addams, Yarner, Devon New Copper Mines, Wheal Examed Asiburton United, Wheal Addams, Yarner, Devon New Copper Mines, Wheal Exames, Wheal Exames, Huntingdon, Sigford Consols, South Devon Iron, and West Hazel. Mines inspected and reported on by competent agents.

M. T. ROSEWARNE, 81, OLD BROAD STREET,

10 Badford Consols, 52.

10 Casta Miners, 2414.

10 Cast Core and Miners, 2414.

10 Casta Core and Miners, 2414.

10 Cast Core and Miners, 2414.

10 Fact Walks, 243.

10 Kelly Bray, 2434.

20 Wheal Edward, 2414.

20 Wheal Sidney, 328.

21 Rosewarms recommends the following shares at present refrest. T. Bosewarne reco Bedford Consols. Calstock Consols. Drake Walls.

st prices;— Sortridge Cons Stray Park, Wheal Arthur.

M ESSRS. VIVIAN AND EDWARDS,
MINERAL MERCHANTS AND BROKERS,
YORK CHAMBERS, KING STREET, and 2, CHEAPSIDE, MANCHESTER.
N.B.—Cash advanced on cargoss.

TAYLOR AND EDWARDS, MINERAL MERCHANTS, 1, CROMFORD COURT, MARKET STREET, MANCHESTER.

A SECOND EDITION OF MR. MURCHISON'S REVIEW OF BRITISH MINING
FOR THE QUARTER AND NINE MONTHS ENDING 30rn SEPTEMBER,
1859, with Particulars of the Principal Dividend and Progressive Mines, and Tables
of the Dividends Paid, IS NOW READY.
Price 1s. At 117, Bishopsgate-street Within, E.C.

SHARES FOR SALE:—40 Comberland Black Lead, £1 each; 50 Great Wheal Martha (fully paid up), 15a; 80 Denham Bridge, 4a; 10 Bog (fully paid), £2 Sa; 100 Virtuous Lady (fully paid), £1; 50 Ritton Castle, 35a; each; 100 Easa Estria, 8a; 50 South Bertha, 8a, not cash on delivery of transfer.—Apply to J. WATKINS, 15, Bouverie-street, Fleet-street, E.C.

S HARES WANTED:—50 Ballyvirgin at 10s., 200 Great Wheal Martha, 50 Pelyn Wood, 20 Hingston Down, 20 North Bobert, 50 Lady Eliza, 100 Crookhaven.—Apply to "D. B. F.," Mining Journal office, 26, Fleet-street, E.C.

NORTH WHEAL PROVIDENCE.—A PLAN of this property, with SPECIAL REPORTS from Mr. GEORGE HENWOOD, C.E., and other common mining sutherities, may be had of Mr. SPARGO, Nos. 224 and 226, Gresham—L1/house, Old Broad-street, E.C.

FOR SALE, a 30 inch CORNISH PUMPING ENGINE, 8 feet stroke in cylinder, and 7 feet in the pump, botler 9 tons. The whole is in very 4 2 cool condition.—Apply to W. Marinews, engineer, Tavistock.

PUMPING ENGINE FOR SALE, 24 in. cylinder, 6 ft. stroke, equal beam, with 7 tons boller.—Apply to Mr. F. W. Roscisson, Hayle, Cornwall.

NICKEL AND COBALT REFINING, AND GERMAN SILVER WORKS, 16, OOZELL STREET NORTH, BIRMINGHAM.

STEPHEN BARKER begs to inform the Trade that he has the following articles for sale:--

REFINED METALLIC NICKEL. OXIDE OF COBALT. IWIRE, &c. 444
REFINED METALLIC BISMUTH. GERMAN SILVER—IN INGOTS, SHEET

INSPECTIONS.—The mining public is respectfully informed that
Capt. WILLIAM HOSKING has RECEIVED INSTRUCTIONS to REPORT on
SEVERAL UNDERTAKINGS in CORNWALL, and immediately on his return from
London proceeds to Pelyn Wood, St. Austell, Bedrath, and St. Just, for that purpose,
His charges being covered by existing sugarements, suy mins preprietor desiring correct
information may avail of the apportunity on mediately terms.—Letters addressed to
Capt. Hosking, Post-office, St. Austell, until further nodice, will receive prompt attention.—December 14, 1850.

MONEY MARKET.—BRITISH and FOREIGN FUNDS, are respectfully informed that Messars. FULLER AND CO., M. THREADNESDLE STREET, LONDON, are at all times in a position to BUY and SELL, either for cash of the account.

Messars. FULLER and Co. call particular situation to BUY and SELL, either for cash of the account.

Messars. Fullers and Co. call particular situation to the present severable opportunity of investing in British Dividend Mines, souring as they do the large amisunt of interest, without risk, of from 15 to 20 per cent. Traggressive Mines frequently advance 100 per cent. upon the amount of purchase.

Information obtained, and advice, either personally or by letter, given as to seand lectimate, investments. Office hours, from 7 to 111 live citook.

the same of the transport of the transpo

AUBYN MINERAL COMPANY (LIMITED).

Deposit 2s. per share, and 2s. per share on allotment, with two months' notice of all farther calls.

Registered according to the Joint-Stock Companies Aris, whereby each person's liability is limited to the amount of the shares subscribed for.

In the event of 40,000 shares not being subscribed for, the deposit of 2s. per share will be returned in fall.

JAMES BANCES. For the contract of the shares of the contract of the shares will be returned in fall.

DE FUURBO IN MIL.

JAMES BANCKS, Esq., the Probendal, Thame, Oxon.

JOHN DAVID BARRY, Esq., 48, Thurlos-square, Brompton.

JOHN BOYD, Esq., M.P., 119, Jermyn-street, 8t. James's.

ERNEST FELLOWE, Esq., Grove-fill, Camberwell.

ALFRED LEWYON HODGES, Esq., Consul, Raimagate.

Sir THOMAS HERBERT MADDOCK, Union Club, Trafaigar-square.

WILLIAM WOODWARD MANNING, Esq., Colithrook-park, Abergavemouthship.

monthshire.
JOHN MOSS, Esq., Litchurch, Derby.
BICHARD ROOKE MICHELL, Esq., Marazios, Cornwall.
BICHARD ROOKE MICHELL, Esq., Marazios, Cornwall.
BICHARD ROOKE, 100, Upper Ground-street, Blackfriars.
JOHN PARKINSON, Jun., Esq., Soursemouth, and Farmer's Club, New Bridg

Blackfriars.

JOHN SEWELL, C.E., Esq., 12, Oxford-terrace, Hyde-park, and 26, Nice

Lombard-street.

Capt. LEICESTER VERNON, M.P., Ardington-house, Wantage.

Capt. LEICESTER VERNON, M.P., Ardington-house, Wantage.

The business of the company will be managed by an executive committee, selecter from the above.

Solicitons—Messrs. Prudence and Bedwell, I, Gray's Inn-place, Gray's Inn.

Standing Counsel—William Holt, Esq., B.A., Inner Temple.

STANDING COUNSEL—William Holt, Esq., B.A., Inner Temple.

Messrs. Field, Son, and Wood, 9, Warmford-court, Thregmorton-street.

Messrs. S. R. and E. Healey, Liverpool.

Mr. George Wilson, Sheffield.

Mr. M. B. Beverley, Leeds.

Mr. A. W. Labertosche, 18, Fleet-street, Dublin.

BANKEIS.

Union Bank of London, Princes-street, Mansion-house.

Sir Samuel Scott and Co., 1, Cavendish-square.

Messrs. Vivian, Grylls, and Co., Holston, Cornwall.

AUDITORS—G. W. Hutchinson, Ess., 18a, Basinghall-street; W. J. Lindsay, Esq.,

MANAGER AT THE WORES—Mr. Jos. Richards, Helston, Cornwall.

OFPICES,—PANCRAS CHAMBERS, 11, PANCRAS LANE, QUEEN-STREET,

CHEAPSIDE.

PROSPECTUS.

The St. Aubyn Mineral Company (Limited) is formed for the purpose of working one of the most celebrated mines of tin and copper in the west of Cornwall, hitherto known as Penberthy Consols, and for crushing, dessing, and otherwise making marketable all ores, metals, and minerals obtained therefrom.

These extensive mines are situate in the parish of St. Hilary, Cornwall, about three miles from the port of Marazion, and the same distance from the wharfs and foundries of Hayle, and extend about two miles east to west en the course of the main lodes, and about three quarters of a mile north to south, and contain at least 18 known lodes. They comprise within their limits tracts of lend known as Penberthy Crofts and Trevarton Downs to the westward, and Wheal Paney and Ennys Wheal Virgin to the eastward, all of which are well known in the county for the large returns of tin and copper they have maske.

I which are were another.

According to the reports furnished to the directors, and upon which they implicitly sky, the immediate neighbourhood is well known from the immense returns made by ireat Wheal Fortune, Wheal Bolton, and Wheal Prosper Mines, on the same made to the west of Penberthy Crofts, as well as Wheal Nigin on the east. Wheal Anna is at the south boundary, where, from one lode only, £1000 worth of mineral is being the most of the prosper of the control of the control

Great Wheal Fortune, Wheal Bolton, and Wheal Prosper Mines, on the same mann one to the west of Penberthy Crofts, as well as Wheal Virgin on the east. Wheal Anna is on the south boundary, where, from one lode only, £1000 worth or mineral is being raised monthly.

Penberthy main lode (from 5 to 8 ft. wide) was extensively worked about 35 years since to a depth of 110 fms. Large quantities of rich ore were taken away at each level, and the backs worked on tribute at from 2s. 6d. to 7s. in 11. The lode at the deepest point is from 6 to 7 ft. wide, and is worth from 6 to 8 tons of rich copper ore per fm.; there is pienty of valuable ore ground laid open, sufficient to employ hundreds of tributers. Many of them have already stated to the manager on the works their willingness to take pitches at from 2s. 6d. to 10s. in 11.

These extensive works were suspended many years ago, owing to the price of all metals having then considerably fallen in the market, and the inability to obtain, during a season of great commercial depression, sufficient capital to carry on the working of the mines with vigour and energy, although for several years prior to the stoppage of the mines the annual returns of tin and copper ore exceeded in value £30,000.

Since this period the burrows on Penberthy Crofts (left by the former company as worthless) have returned upwards of £5000 worth of tin, and are now being worked at a profit. A small parcel of ore is now on the mine.

The directors are advised that £20,000 will probably suffice to bring the mine into a state to pay costs, but, with the view of enabling them to make it as remmentive as possible, they have fixed £40,000 as the minimum capital on which to base their operations; and unless 40,000 shares are subscribed for, the deposits paid will be returned free from any deduction.

Many an undertaking of high promise has been brought to a stand from failure to provide an ample capital, and the public will recognise in this provision a guarantee against such a companying reports and extra

REPORTS.

Goldsithney, Cornwell, Sept. 28, 1859.—The following is my report on the mines of the St. Aubyn Mineral Company (Limited), and formerly known as Penberthy Crofts:

—These mines are situated in the parish of St. Hilary, in the county of Cornwell, the locality of which is scarcely to be surpassed for mineral riches in all the county, more particularly with reference to the lodes which run through this property. I was agent in Wheal Virgin, which adjoins this property on the east, where we raised upwards of £150,000 worth of copper and tin, and I am fully persuaded that a virgin place of ground now unwrought between the two mines is not to be excelled in the district. The 40 fm. level was extended east on the lode by means of water power, from which large quantities of mineral have been raised, and there is a winze sank from 5 to 6 fms. below this level, worth 4 to 5 tons of copper ore per fm.; this was suspended in consequence of the influx of water, and I am of opinion that the richest part of the lode lies in old Penberthy Miss. The bunch of ore referred to in the winze is quite a new bunch. Penberthy engine-shaft has been sunk to the 110 fm. level, but the other shafts are only sunk to about the 50 fm. level, so that a greater part of the unise would at once be drained, which would be of the greatest importance. This mine contains many lodes, from which large quantities of mineral have been raised, and when again claimed similar results will equally be found. Wheal Fascy, part of the mine, is of great promise, and no doubt, when developed, will prove remunerative to the proprietors. I have been thoroughly acquainted with this property for upwards of 20 years, and am fully persuaded that, when developed, the value of a lasting and highly remunerative concern to the proprietors. JOHN MORCOM, Agent to R. R. Michell, Esq., Maraxion, and Inspecting Agent to Peter Watson, Esq., Old Broad-street, London.

Agent to Peter Watson, Esq., Old Broad-street, London.

St. Hillar B. Cornweall, Jan 24, 1859.—I have been acquainted with mineral property ppwards of 34 years, and can with the greatest propriety and condidence recommend these mines as a sure investment. These mines were suspended many years ago, but price to the enapension a large profit was being made; but it must be borne in mind that this was with very imperfact machinery; and when worked more extensively, and with efficient machinery, very handsome profits will be realised. I will now proceed to notice the main features of this property in detail. It contains many east and west copper, thin, and silver-lead lodes. Wheal Bolton, Wheal Propegr, and Great Wheal Fortune Mine are to the west on the same lodes. Each of these mines have produced hundreds of thousands of pounds worth of mineral, and given invariably large profits to the adventurers. Wheal Virgin adjoins this set to the east, and proved tiself to be one of the releast mines ever worked in Cornwall. Feaberthy main lode is very large, and when worked there was a 65-inch cylinder erected on Baroner's shaft, and suak to the depth of 110 fms., each level produced great quantities of mineral, and the backs partially worked at very low tribute. There is now a good course of copper ore in the botton level, discovered a little before she was suspended, that can be worked at 4s. In 1t. by our secent mode of working, which at that time would starcely pay the cost of labour. The 100 is extended about 49 fms., in which there is a good course of ore opened, and still continues to hold good in the western end; but from the old-fashioned mode of work, as before stated, very little of the ground has been taken away, which will now, by good management, give a very handsome profit. There is also a great deal of high ground in the upper levels, where large quantities of ore can be ruised profitably; west of Gandry's shaft, in the back of the 69, there were pitches working, when abandoned, to the west. The lode is ver has caused a quantity of greens or tincture. The caunter lode is about 6 ft. wide, and underlies towards the main lode. It was worked by cross-cutting from the main lode, and produced abundance of mineral. I know there is a good bunch of copper and lead gone down in the bottom of the 40, and not worked under, there being no level under the 40. King's lode is 3 ft. wide, underlies north, and worked 50 fms. under self: this is a highly valuable lode, and can be worked profitably to the adventurers. Wheal Fancy is on the main lode east, and worked 57 fms. below the still level. It varies in size from 4 to 6 ft. So soon as the water is drained here 30 men can raise 12 tons of tin per month. Mandle lode (a caunter) has proved to be a rich till lode. It is nearly all taken away aspecimens of large grain and diamond tin of very great value. There are several other lodes in this sett of, a promising character, and wearly of trial. Also there are three cross token, one hetween Gyndry's and Ristal, one in the centre of the sett, the other in Wheal Fancy. From what I know of this concern myself, and hear from others who worked in these mines, it doubt not of it proving when worked or the best mineral properties in England.

M. History, June 29, 1899.—I have this day inspectant the mines below the results.

properties in England.

Mt. History, June 29, 1859.—I have this day inspecial the mines held by the St. Anbyn Mineral Company, which are very extensive, and adjoin all the best mines in the district—bounded on the west by Wheal Proper, on the south by Wheal Friendship, and on the east by Wheal Wignin, the whole of which have given considerable profits. These salines are traversed by a great number of lodes, and several of them unexplored, which I have no doubt will be found productive. I find the engine-shaft is ausk as deep as the 110, but the jevels are only extended a short distance, and the whole length driven through good ore ground. Here the lode is large, and large quantities of ground unexplored, from which I expect large returns of ore will be made. Steam power is required to get the ores rapidly from the bottom.—Wheal Yancy: This part is about

THE PERSON NAMED IN

salf a mile to the cest on the same lodes, and holed to an 10, sellow alli, where large returns of copper and the have been made, the lode been and still productive. In this part are also several other lodes, which might be proved by consecuting north and south from the present lode as soon as the water is drained, which, I have nedoubly will then pay well for the outlay. There are also hereral camper lodes, which have produced large quantities of copper and tin, and willstill pay well as soon as the water is drained. From what I have seen of this mine myself, and hear from the most experienced uniners, I have every reason to believe, by judicious management and economy, she will make a profitable and lasting mine. To drain the mine it will require two pumping engines, two whim engines, and one stamping engines which will AMES POPE,

Wheal Basset Mine, Redruth.

Wheal Basset Mine, Redwith.

St. History, July 11, 1859.—It have examined the surface of this mine throughout the sett. It is situate in the parial of St. History, Germani, in the slate of kills formation, in which the looks in this district have yielded immense quantities of copper and tin crea, and given large profits to the adventurers. The sett is sufficiently extensive for all mining purposes, and is traversed by a great number of lodes and cross-courses; several of these lodes have been partially wrought at a profit to the adventurers, whilst a great many remain unexplored, and, I have no doubt, will be found valuable. The deepest point either of the lodes has been seen is the 110, below an adit of 30 fms. on the main lode, near the centre of the sett; nearly the whole of the levels extended on this are in highly valuable copper ore ground. The part called Wheal Fancy, lying to the cast, is sunk as deep as the 57, and produced a large quantity of copper and tin ores. The sett contains several canuter lodes that are entire, but may be cross-cut at various depths from the main lodes, and, in all probability, will be found productive. To drain these lodes, and to extend the workings so as to put a proper number of men to operate on the valuable ore ground, it will require a capital of about £40,000, which, no doubt, will make it a paying concern. The machinery required is two large pumping englises, two stoum-whims, and a steam stamping mill.

Killievee, Clamborne, Oct. 3, 1850.—The following is my report on this mine, about to

steam-whims, and a steam stamping mill. MICH. W MARTYN,
Inspecting agent to J. J. Rogers, Esq., M.P., Helston.

Killiesse, Camborne, Oct. 3, 1859.—The following is my report on this mine, about to be worked by the St. Aubyn Mineral Company (limited). After having to-day walked over the surface, and obtained what I believe to be authentic information respecting the state of the mine, now filled with water to the adit, which at the engine-shaft is 30 fms. deep from surface, the result of my observations and enquiries I beg to send you as a follows:—The extent of the mines is greater than the majority of the Cornish mines, being in length on the line of the lodes already discovered about one mile, and about half a mile longer still on the north-west, where but little is as yet done by way of exploring the ground. The deepest point reached is 110 fms. below the adit, where Capt. James Pope (a miner of sound judgment and strict integrity), from his personal knowledge, reports the lode to be "good ore ground." At the upper levels the old workings are very extensive, which must have taken a long time to explore, and produced, doubtless, large quantities of copper and jin ore; and that under great disadvantages, compared with the best modes of mining at present. No steam-engines were used for drawing or for crushing and stamping the ores. Several other lodes, beside the main one, to which the above remarks particularly apply, are discovered, but not very extensively worked. One of these, in Wheal Virgin, adjoining this mine, was for many years very rich for copper, and at half a mile west Wheal Prosper was very productive of copper ore, probably on the main lode of this mine. The stratum is killas of the ordinary kind of that neighbourhoot, which has formerly, in a great number of mines, yielded immense quantities of copper and moderate quantities of time. Locking at the mine with all the circumstances, i consider it to be well worthy of the attention of gentlemen disposed to embark in tin and copper mining. The price

THE CASTLEWARD UNITED MINING COMPANY (LIMITED)
Capital £10,000, in 10,000 shares of £1 each.—Doposit 10s. per share.
Incorporated and registered under the Joint-Stock Companies Acts of 1856, 1857, 1858.
Liability limited to amount of subscription.
Lord GEORGE HILL, Ballyare, Ramelton.
Sir JAMES DOMBRAIN, 20, Molesworth-street, Dublin.
SAMUEL CRAMPTON, Grangesmore, Raheny.
Major ANDREW NUCENT, Castieward, Downpatrick.
WILLIAM F. GREEN, Belvidere-place, Dublin.
THOMAS JOHNSTON, Gloucester-street, Dublin.
JOHN STANYON, Kingstown.
JOHN C. CHARLEY, WOOLDEN, Dummurry, Lisburn.
COSSULTING ENGINEER—Silas Evans.
BASKERS—The Eoyal Bank of Ireland, Foster-place, Dublin; The Northern Banking
Company, Belinkt and Downpatrick.
SOLICITOR FOR IRELAND—Alexander McNeale, 24, Westmoreland-street, Dublin.
Solicitor FOR ENGLAND—Alexander McNeale, 24, Westmoreland-street, Dublin.
BEGGESS—Bruce and Syrmes, 37, Dame-street, Dublin.

BEGGESS—Bruce and Syrmes, 37, Dame-street, Dublin.
Messrs. J. J. Stephens and Sons, 44, Dame-street.
James Crawford, 61, Dawson-street.
OFFICES OF THE COMPANY,—No. 9, WESTMORELAND STREET, DUBLIN.

OFFICES OF THE COMPANY,-No. 9, WESTMORELAND STREET, DUBLIN. This company has been formed for the purpose of working the lead mines known a he Castleward sett, and which comprise a portion of three townlands, and range ove a new of a square mile, situated about a mile north of the town of Strangford, in th

the Castleward sett, and which comprise a portion of three townlands, and range over an area of a square mile, situated about a mile north of the town of Strangford, in the county of Down.

An agreement for a lease has been obtained from Lord Bangor, for a torm of 21 years, at a royalty of 1-15th, the interest of which has been purchased by this company, together with a 40-horse power steam-engine, pumps, and other machinery.

This property, previous to the assignment to this company, was in the hands of a few speculators, who commenced operations and sunk to the depth of 10 fms. on the lode, and, so far as the triling operations went, fully proved the sett to be worthy of urther outlay; but for want of capital, or some other cause, the operations came to a speedy termination, and remained in absynace until the property in question was placed in the hands of the Mineral Exploring Company, from whom, after the most careful and satisfactory investigations, the present promoters have agreed to become the purchasers for £1000, to include the steam-engine and machinery.

The geological formation of the district is most favourable; and the Mineral Exploring Company have, on careful examination of this setate, fully satisfied the promoters that this mine is on the run of lodes which it be thereon. Newtownards, north of Strangford Lough, and Ardgrass to the south, where they again crop out at the beach, as may be seen on reference to Griffiths's Geological Map. The Newtownards Mine has, on a triding outlay, yielded within a short time a sum of £38,000.

The local advantages of this mine are very considerable; situate within a few yards of the sen beach, where there is an excellent quay, at which vessels of moderate torunge can load or discharge at all seasons of the year, free of any local or harbour dues. In addition to these important advantages, the set'is surrounded by Lord Bangor's demense, from which has numinited supply of timber, suitable for mining purposes, can be had at moderate prices; and labour in this di

INVENTORS' ASSISTANCE COMPANY (LIMITED).
Capital £25,000, in shares of £1 each (with power to increase it to £100,000).
Deposit 5s, per share.
Incorporated under Joint Stock Companies Acts, 18:56-57-58.
Under the direction of a Council and Managing Committee appointed by the shareholders.

BANKERS—Ransom, Bouverie, and Co., Pall Mail East.
Solicitors—Grane, Son, and Fessemeyer, 23, Bedford-row, W.C.
SECRETARY—Sitwell Harris.
OFFICES AND MANIFFACTORT.
Nos. 1, 2, AND 3, GOUGH STREET NORTH, GRAY'S INN ROAD, W.C.

The leading feature of this company is, that it investigates the merit of any invention submitted to it by the aid of acientific and practical men, selected with special regard to their qualifications as impartial judges. Such inventions as are approved are patented or registered, and manufactured by the company, for sale, on a scale sufficient to establish their value, without cost to the inventor, who will ahare, under agreement,

patentied or registered, and manufactured by the company, for sale, on a scale sufficient to establish their value, without cost to the inventor, who will share, under agreement, in all profits arising therefrom.

As an earnest of these intentions, the managing committee have secured a long lease, an most advantageous terms, of extensive pr..nises, containing a spacious manufactory, provided with suitable plant, where models can be made and tried, and patented articles manufactured for sale.

Valuable patents already arranged for are now being so manufactured, at a nett profit of 800 per count; while soveral very promising inventions are under consideration.

That the large mass of inventors are unable to carry out their designs is a fact patent to most practical observers. It is equally true that a great number of cases only require the independent and kindly assistance of elemithe and practical men to render them productive of immense public benefit. It is incontrovertible that our national importance and wealth have been more promoted by inventors than by any other class of men. Arkwright, wast, Cort, Stephenson, and other names exacely less eminent, have produced an amount of wealth almost beyond calculation, though their inventions were received at first with collars and incredulity. In short, all the improvements for our convenience and comfort, dating from a state of barbarity to one of high civilisation, are but the cumulative results of inventive ingenuity.

It must not be overeioxed by the shareholder that a patent gives an exclusive trade with the castomers of the world, and that this company will possess in no common degree such advantages as will on the average, be amensely productive, and cusure a divident that may surprise, and must satisfy all investors.

Applications for shares, and full prospectures giving the fullest information, to be made, personally or by letter, to the secretary, at the offices, as above.

MINERAL EXPLORING COMPANY (LIMITED),—
This company has now FOR DISPOSAL some LEASES of SETTS and PARTIALLY OPENED MINES of IRON, SULPHUR, COPPER, and LEAD, which have
been selected for sale after their indications had been examined and reported on by practical and ectentific miners, whose opinions can be relied on, as presenting fir grounds
for capitalists to invest money in their development.
Capitalists who desire to have the advantage of all examinations and guarantees possible in mining adventures, are invited to communicate with this company, either for
the purchase of lesses or the renting of setts, or for the formation of companies with
those objects.

34, Westmoreland-street, Dublin.

ALEXANDER MCNEALE.

34, Westmoreland-street, Dublin.

PRINCESS ROYAL MINING COMPANY
SOUTH AUSTRALIA.

The PRINCESS ROYAL MINING COMPANY being now WOUND-UP under the provisions of the Act of the Coinnial Legislature for facilitating the winding-up of Joint-Stock companies, the trusters appointed fas the purpose intend to OFFER for SALE by AUCTION, in one lot, in the month of April mext, at Adelside, the LANDED PROFERTY of the COMPANY, forming an estate of 10,000 acres, held in fee simple.

This property forms the southern half of the Burra Creek Special Survey of 20,000 acres, which was purchased from the Crown in 1846. The PRINCESS ROYAL MIN-ING COMPANY was formed for the purpose of working the extensive and promising lodes of copper which had been discovered, but the capital subscribed was inadequate, and the Deed of Settlement under which the company was constituted did not provide the means of raising money to meet the requirements of the enterprise. When, therefore, expensive pumping and other machinery became necessary, the directors were unable to procure it, and the mining operations were, in consequence, wholly suspended, and have never since been resumed.

During the time the works were prosecuted several mineral lodes were tested at various points, extending over a considerable area, and at various depths, and were found to be of great promise. The copper ore raised was of rich quality, averaging about 27% per cent. produce, and the quantity obtained and soid was of the neit value of upwards of £6500.

The northern half of the special survey is the property of the South Australian Mining Association, and contains the far-funed Burra Burra Mines, the working of which has been attended with such unprecedented success, and from the reports of the mining capitalist the geological character of both estates appears to be siruliar.

Besides the mineral value of this property a large portion of the estate is well suited for agricultural, and the remainder for pastoral, purposes. The Burra Creek, which runa th

templated.

Further information and full particulars may be had; and plans of the property, with descriptions of the operations carried on by the company, may be seen by application to Messrs, Green and Wadham, the suctioneers, or Messrs. Badout and Leratt, solicitors, in Adelaide; or to Messrs. Colley, SMITH, HOWER, and GWATKIN, solicitors, 9, New-square, Lincoln's Iso; or Thomas FENN, stock and sharebroker, 3, Royal Exchange-buildings, London.

THE FESTINIOG SLATE QUARRY COMPANY
(LIMITED).

A large portion of the required new capital is now subscribed for, and it is probable
that allotments to the public will shortly close.

The contract for the purchase of the fee simple of the estate (260 acres) has been effected
upon very advantageous terms.

Preliminaries for the construction of the proposed railroad, and the expansion of the
works, are entered upon, and both operations will be carried out with as little delay as
possible, so as to secure an early dividend.

DAVID DAVIES, Esq., 8t. James's Mount, Liverpool.
ALFRED ERASMUS DEVDEN, Esq., Lincoln's Inn, London.
RICHARD MORRIS GRIFFITH, Esq., Banker, Bangor.
WILLIAM MOUNTCASTLE, Esq., Market-street, Manchester.
HUGH PUGH, Esq., Banker, Pwilheli, North Waies.
—The London Joint-Stock Bank, London; the National Provincial Bank of
England, Bangor.

Bankers.—The London Joint-Stock Bank, London; the National Provincial Bank of England, Bangor.

The quarries of the company are situated on the Tyddynbach estate, Festining, North Wales, contiguous to the extensive and profitable quarries of Lord Palmerston and others, whose production is known as the Portmadoe state. The Tyddynbach estate ontains 260 acres of proved slate rock of excellent quality, and of a dip most favourable for economic working, affords natural drainage, a pientiful supply of water power, and ample room for deposit of waste.

The property is held by the company under a 42 years lease, granted in 1848 to the former small proprietary, at a low royalty, with an option to purchase the fee-simple. This lease and option, with the whole of their quarries, buildings, works, and plant, have been purchased from the former proprietors by an allotment of 7514 shares in the present company, taken at £4 per share paid.

The quarries have been in operation since 1848, and the quality of the slate and slabs produced, the reports (based upon scientifics surveys of the whole estate), and experimental tests applied at different points (see prospectus), fully establish the soundness of the undertaking and the certainty of a large dividend resulting from further outlay of capital. It is estimated that a turther espital of from £30,000 to £40,000 will enable the company to purchase the fee-simple; to construct a railroad three miles in length, connecting the quarries with the port of shipment (Fortmadoc), whereby the cent of transitivity to the part of shipment (Fortmadoc), whereby the cent of transitivity and the feed of the resulted.

Application for shares must be made to the understand, from whon proper forms and

allied.
Application for shares must be made to the undersigned, from whom proper forms and capoctuses may be obtained.
HARE AND WHITFIELD, Solicitors.
Offices, 6, Cannon-street, London, E.C.
HENEY WHITWORTH, Sec.

Offices, 6, Cannon-street, London, E.C.

HENEY WHITWORTH, Sec.

B A S T I E R'S P A T E N T P U M P.
APPARATUS FOR RAISING WATER ECONOMICALLY, ESPECIALLY
APPLICABLE TO ALL KINDS OF MINES, DRAINAGE, WELLS, &c.
J. V. Basture begs to call the attention of proprietors of nines, engineers, architects, farmers, and the public in general, to his new pump, the cheapest and most efficient ever introduced to public notice. The principle of this new pump is simple and effective, and its action is so arranged that accidental breakage is impossible. It occupies less space than any other kind of pump in use, does not interfere with the working of the shafts, and unites lightness with a degree of durability almost imperishable. By means of this hydraulic machine water can be raised economically from wells of any depth; it can be worked either by steam-engine or any-other motive power, by quick or slow motion. The following statement presents some of the results obtained by this hydraulic machine, as daily demonstrated by use:—

1.—It utilises from 90 to 92 per cent. of the motive power.

2.—Its price and expense of installation is 75 per cent. less than the usual pumps employed for mining purposes.

3.—It occupies a very small space.

4.—It raises water from any depth with the same facility and economy.

5.—It mises with the water, and without the slightest injury to the apparatus, said, mud, wood, stone, and every object of a smaller diameter than its tube.

6.—It is easily removed, and requires no cleaning or attention.

To be seen daily at W. P. Warner's, wine and spirit merchant, Welsh Harp, Edgwareroas, near Crickiewood. References of the highest character will be given.

J. V. Baszura, sole manufacturers, mining proprietors, and others, for the USE of his INVENTION.

OPPICES, 19, MANCHESTER BUILDINGS, WESTMINSTER, LONDON.

London, Oct. 10, 1859. Hours, from Ten till Four. J. V. BASTIER, C.E.

MAPPIN'S ELECTRO-SILVER PLATE & TABLE CUTLERY. MAPPIN BROTHERS (Manufacturers by Special Appointment to the Queen) are the only Sheffield makers who supply the consumer in London. Their London Show Rooms, 67 and 68, KING WILLIAM STREET, LONDON BRIDGE, contain by far the LARGEST STOCK OF ELECTRO-SILVER PLATE and TABLE CUTLERY in the world, which is transmitted direct from their manufactory, Queen's Cutlent Works, Sheffield.

| ROOMS, N and O SALEY WILLIAM STREET, LONDON BROOMS, OTHERY IN IT IS TRANSMITTED AND STREET, LONDON BROOMS, OF LERY IN IT IS TRANSMITTED AND STREET, CONTROL OF THE STREET, CONTROL OF

A S S A Y O F F I C E A N D LABOR A TORIES,
DUNNING'S ALLEY, BISHOPSOATE STREET WITHOUT, LONDON.
Conducted by Mircurst. and Rick and (late John Mitchell, F.C. S., Author of
Masual of Practical Assaying, Metaliurgical Papers, &c.)
Assaying and Analyses of every description performed as usual. Special Instruction in
Assaying and Analysis. Consultations in every branch of Metaliurgical and Manufacturing Chemistry. Assistance rendered to intenting Patenties, &c.
For amount of fees, apply to the office, as above.

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Original Correspondence.

PREVENTION OF ACCIDENTS IN MINES-OVER-WINDING.

PREVENTION OF ACCIDENTS IN MINES—OVER-WINDING.

Sir.,—I am sorry to say that I am forced to conclude, with Mr. Hedley, that those mine owners who expend more money than the generality of their neighbours in the safe conducting of their works do not receive from their men the due reward of their meritorious exertions. It is a pity that it should be so. In this respect miners are blind to their own interest; if they would just give their services a little cheaper in exchange for the endeavours of those who are using every means to ensure their safety, they would be benefiting themselves, and adding greatly to the good which has already been done by the Inspectors in preventing accidents in coal mines.

For the benefit of your correspondent, who wishes to know how often cases of over-winding occur, and for my own satisfaction, I will endeavour to keep an account of the number of times over-winding would occur; and I can say that since the receipt of your last Journal one case has occurred with me, but no damage was done—thank to White and Grant's safety-cage, which remained, without the slightest injury to anything, near the pulleys, and detached the rope which passed over the pulleys. The damage and detention from this one accident would have caused more loss than the value of several safety-cages.—Dec. 8.

D.

TUNNELLING BY MACHINERY.

Sir,—Could not one of your wide-spread correspondents furnish your pages with a description of the machine used in tunnelling the Alps? referred to in the Journal of Dec. 3. If the cost of such a machine is not excessive, I believe, with you, that its use would soon become general in almost every mining establishment in the kingdom.

A. H.

NORTHAMPTONSHIRE ORE.

Dec. 14.

NORTHAMPTONSHIRE ORE.

Sir.—In the Journal of Nov. 26 Mr. Brown asks, "Why will persons show their ignorance by making sweeping assertions touching subjects of which they are entirely uninformed?" and then, by way of giving point to his question, he proceeds to prove himself one of those persons, for after quoting statistics, about which he would appear to have little personal knowledge, and which are, moreover, not accurate, he says that "the stone contains about 40 per cent., and I have no hesitation in saying that the average stone found in the district will produce this;" and, further on, "it may be interesting if I give you an analysis of some of the stone, and which may represent the bulk of that now worked." Then follows the analysis of three sorts of stone (two green and one brown), which gives an average of 33°35 per cent. only, and this to prove an average of 40 per cent., and to enlighten the ignorant persons previously referred to.

It in this district, either now or at any former time, notwithstanding Mr. Brown's assertion that they do. To represent that they do is to be as condemnatory of the stone of this county as can well be, for the proved fact is that less than 2½ tons of *tone*, carefully selected, does make 1 ton of iron, whereas 4 tons of *tone*, carefully selected, does make 1 ton of iron, whereas 4 tons of that analysed would not produce that quantity, as all persons possessing information connected with iron making, reading the analysis, would not fail to see, and in their dealings act upon. They, at all events, well know that iron could not be made from the stone analysed, either in this county or anywhere else, except at a ruinous loss—percentages in an analysis and in the working of stone in a blast-furnace are widely different in their results.

In the workings at Gayton there is thrown on one side, as comparatively worthless, the brown stone referred to in the analysis; the green stone, also there referred to, is found in large quantities between the bed of stone worked a

NORTHAMPTONSHIRE IRON ORE.

NORTHAMPTONSHIRE IRON ORE.

Sin,—In my letter to you, which appeared in the Journal of Nov. 26, there appears some little contradiction—or, in other words, one part seems to deny what the former asserts. Let me explain. I state that the ore worked here averages 40 per cent, in the blast-furnace, but afterwards I give the analysis of some ores which only show from 29 to 374 per cent. Now, I ought to have informed your readers that this was the actual quantity of iron contained in some stone which has been sent out in considerable quantities by persons who were not sufficiently careful in the selection of it. Let those firms who purchase this ore look carefully into the matter, and buy their stone from those persons who exercise a proper amount of care in rejecting all stone which does does not contain an average percentage of metallic matter. It is to be regretted that some persons in their anxiety to do an immense business have done themselves harm, and also other persons in the same trade. Depend upon it, it is much better to throw aside what is worthless than have to pay carriage and royalty upon it, and afterwards to have the same deducted from your account when making a settlement with the purchaser.

Some of the best ores which are now being sent out are composed as follows:—Peroxide of iron, 68-12; oxide of manganese, 1-37; alumina, 4-93; magnesia, 52; lime, 27; potash, 27; soda, 31; sulphur, 03; phosphoric acid, 59; water, 13-58; silica, 9-97—metallic iron, 47-69 per cent. The Birmingham correspondent of the Daity Telegraph of this day states as follows:—"The Northamptonshire or is now more generally used in South Staffordshire than formerly, but we understand principally for mixing with other ores. The prejudices against its employment in the manufacture of iron seem gradually to be dissipating, if we may judge from the enormous quantities sent into this district by the proprietors of the Northamptonshire mines."

There is no doubt that the time is at hand when a much larger business will yet be done at

NEW FUEL-CONDENSED PEAT.

New Fuel.—Condensed Peat.

Sir,—You, and most of your readers, are aware that many attempts have been made to convert peat into fuel, which may supply the place of mineral coal and of wood charcoal. These attempts have been attended with more or less success; but in all cases the success has been only partial, the material produced being imperfect, and the cost of preparation rendering the article unprofitable.

It is hardly necessary to invite attention to the well-known fact, that a very large portion of the acreage of Great Britain and Ireland, and of many foreign countries, consists of bog ground or peat; although in Ireland, and in several parts of Scotland and of Wales, peat is the ordinary, or the only, fuel of the tenant farmers and labourers, yet this can scarcely be considered as a boon, inasmuch as it is a wretched substitute for coal; and the danger to which the live stock of the farmer is exposed by the bogs goes far to neutralise the benefit; and the landlords, generally speaking, derive little or no rental from the bog land.

It is not surprising, therefore, that great efforts have been made from time to time to utilise peat for fuel, and by so doing to reclaim worthless land. Why have all these efforts failed? Simply because all the processes adopted have gone upon wrong principles. It has been considered necessary to apply violent pressure in order to consolidate the peat into blocks. This process has required expensive machinery, and has produced an article only inferior to mineral coal, and which, when converted into charcoal, is so friable that it will not resist blast, and which, even without blast, escapes in sparks, instead of retaining the solidity requisite to maintain a great and continuous heat.

Now, it is a fact that peat, purified in a very simple manner, requires no pressure, but can be condensed, by an equally simple mode of drying, into blocks resembling the hardest oak, and of the same specific gravity, 1 160.

This condensed peat can be readily converted into charcoal of great

coal; and in converting the condensed peat into charcoal, a vast quantity of gas is evolved, giving a brilliant light; and 2½ cwts. of peat oil is produced in making a ton of peat charcoal.

Herewith you will receive specimens of the purified undried peat, the operation for which does not exceed 10 minutes from the time the new peat is taken from the bog; also samples of the dried condensed peat fit for use; of the charcoal made from the condensed peat; and of the peat oil produced in making the charcoal. You may test these samples, and have as many more as you please.

Landowners, ironmasters, manufacturers, owners of steam-ships, proprietors of gas-works, and housekeepers, whether British or foreign, are all interested in this invention; and the writer encloses his card, that you may, if you desire it, have a corroboration of these statements, and obtain further information.—Dec. 13.

CONTINES CONTINES

COLLIERY OPERATIONS—SAFETY-LAMPS.

COLLIERY OPERATIONS—SAFETY-LAMPS.

Sir,—I have read the remarks in the Journal of Dec. 3, made by Mr. Hedley, with respect to safety-lamps for colliers. Mr. Hedley says the use of safety-lamps ought to be compulsory in all collieries. Now, I must say, as an old collier, I do not agree with him; but had he said that all collieries ought to be sufficiently ventilated, to enable the poor collier to work in safety with candles, his remarks would have taken better with colliers in general. I have reason to believe, when Mr. Hedley says the use of safety-lamps ought to be compulsory, he does not think the least about the poor collier's health. We know well where safety-lamps are used there is generally not the care taken to give the collier as good air as where the candles are used. Again, why should we, in those collieries in which we are as safe from fre-damp as we are, as it were, in our own houses, be compelled to use safety-lamps? In using the lamp, there are two great evils for the poor miner:—The first is, from working in bad air, by the time he is in the middle age of tife he becomes what colliers call short of breath (asthma), and appears as if he were 70 years of age, although perhaps only 45 or 30. Again, his eyes, by using the lamp for so many years, become quite dim: so that, what with asthma and diamese of sight, the poor fellow, just as he is in his prime, is almost weary of existence.

Had Mr. Heddey said make your pits larger; put in more powerful furnaces; increase the velocity of air, so as to drive away that deadly carbon, which steals us away and makes no noise, or that fiery hydrogen, which we all know too well, by the loss of many of our relations and companions; had he said, if your up-cast pit and your farnaces are not large enough to make a sufficient velocity of air to clear your mine, make them larger—ave, and make them larger until your pits are pure, and fit for the miner to work and live in also make as all work with what we call suffety-lamps, he is no friend at all. Let us look at the

MINING IN THE CARADON DISTRICT.

GRANITE v. KILLAS.

MINING IN THE CARADON DISTRICT.

GRANITE v. KILLAS.

Sir,—When a writer takes upon himself, uncalled for, to publicly make statements of a nature which, if regarded, might prejudice the interest of others, it is only fair he should respectfully meet any argument advanced contrary to his own, and he must not expect to carry public opinion a main armée. Now, although common sense did not dictate this to "A Mine Agent," in his reply to my remarks, he ought to have known that courtesy, at least, demanded a civil reply; the spirit of ribaidry, however, displayed in his last, unwarranted by what I advanced, must foreilly suggest to a discerning public the worst motives of the writer—to damage certain properties by an attempt well planned, but of a most contemptible character. "A Mine Agent," after vaguely endeavouring to ridicule my letter, asks for a proof of the lodes in killas being mineralised. The question is simply absurd; the fact of their being so is cetablished amongst all "mine agents" capable of judging, and if the well-known capabilities of the lodes in killas, producing mineral substances to the extent they do, and in some instances enabling returns to be made (Dunsley Wheal Phonix, to wit), leave room for it being questioned, it might with equal scane be asked if the general geological features of the district were mineral-bearing.

A little attention to the letters of "A Mine Agent" will show that the really knows but little of the subject he has undertaken, or he would not have included Tokenbury in killas, the 100 fathoms reached being in granite; a fact which alters the effect of "A Mine Agent" "letter. This along will show what disastrous impressions might be formed from statements so incorrect, and induced by motives so unprincipled.

Now, my object in intrading on your columns is to prevent such impressions might be formed from statements so incorrect, and induced by motives so unprincipled.

Now, my object in intrading on your columns is to prevent such impressions might be formed from statement

A RAMBLE IN THE FOWEY CONSOLS MINING DISTRICT.

A RAMBLE IN THE FOWEY CONSOLS MINING DISTRICT.

Str.,—The letters which have appeared in the Mining Journal from time to time respecting the north part of this district induced me to take a ramble over this ground, with the view of seeking investment for capital as profitable as those of my acquaintance, who were alive to their own interests, have found in Fowey Consols, Par Consols, and many other mines along the border of the granite range known as the St. Austell and Laxullian granite, extending through the parishes of St. Austell, St. Blazey, Laxullian, Lanlivery, and into Laniver. The rich and celebrated mines here are so well known, in having paid their millions, and our object being to find new ground equally profitable, I will not occupy your space by descriptions of those mines so universally known, but start at once upon our expedition.

Leaving Fowey Consols and all its associations behind us, we soon get out at Penplilick, on the turnpike-road leading from St. Blazey to Lostwithlel. Soon after reaching the top of Penplitick Hill, we see on the left, a little distance from the road, signs of one of those things which do not add to the picturesque beauty of the country—a "knocked bal." On enquiry we find this is North Fowey, worked for so many years by that indefatigable but strangely unfortunate miner, Capt. Mark Richards, who vainly endeavoured to find what it appears did not exist here—a good mine in the shallow levels. It is said that the adventurers in Prideaux Wood have proved the same lodes productive by extending desper levels from their mine (which is farther west) under all the old workings. So the former party did not go deep enough. We shall, as we proceed, see whether or not this is the great minate which has hitherto-debarred success throughout some party of fluids district. We still go on the turnpike-road until, on the next hill, we see, a little distance on the left, signs of another "knocked bal." Here we have the good fortune of fluding an old miner who worked in this mine (Wheal Ke

millions of spectators; before which natural phenomenon the vast constructions of ancient frome dwindle into utter insignificance. The scenery here, with the beautiful little town in the centre, the handsome meandering river, and precipitous surrounding hills, brings to one's mind the happy valley of Johnson's Rasellas. We can almost fancy we see the poor old Abyasinian artist perched on the bank to try the power of those wings intended to carry him over the inaccessible heights. Was that sound the splash of the water, when the wings failing the poor mocked inventor fell headlong into the river? Nay, it is the snort of the iron horse, which lately has raced along this valley and through the hills at a pace that would have made the inhabitants of the happy valley stare with wild delight.

But our business being with pounds, shillings, and pence, and with the rocks out of which we are to turn thent to advantage, we pass on to the first mine we have the pleasure of steing in full work.—Wheat Mandlin. Here the first mine we have the pleasure of the curious phenomens in this extraordinary mine. From the descriptions given through the culums of your valuable Journal, we were prepared to find something remarkable, but nothing approaching what we really did find. The fact is, this mine beggars all powers of description. Imagine a vast subterranean mansion, with a fabulous number of rooms, into which might be introduced entire a few of the boasted dwellings of the spreat; all these mighty halls having been excavated by the ancients for copper and this burnel to the complex of the probable direction of the extraordinary series of fromations; we were as completely lost the probable direction of this extraordinary series of formations; we were as completely can be effect, and and upon us our first exploration of those mighty eavens. In value diwe endeavour to trace out any connecting links to serve as a clue for our guidance to the probable direction of this extraordinary series of formations; we were as completely ics.

T

until we get to grass, when I will show you the plans and actual dialitings." These we afterwards had the advantage of examining, and found that the engine-shaft is being sunk at the same angle as the ever ground has dippled all the way from surface. Towards the botteen of the mine the shaft has passed through immense masses of gossian, under which the present company confidently expect (and with every reason for foling so) a repetition of those masses of ore found so abundantly by the old men under the similar gossian which shows itself at surface. The mine is now but about 70 fms. deep; to get to which point by a water-wheel the captain has had to fight for years against a host around, who by threats, force, and every other means on the earth have endawoured to divert the water from soming to the mine. Not succeeding in doing so by any means, they would, if they were able, gladly have put an extinguisher upon both the captain and the mine, but neither is a kind of flame that will very quietly go out. The extreme ilimit of the water-power has been now, however, almost reached; and to put up a steam-engine the present company, who have already expended many thousand pounds, give up half their interest to the new shareholders. This is a case where, if the people of the neighbourhood are duly alive to their own interests, they will benefit themselves by taking a good share on the terms so fairly offered, with the certainty of profiting largely by the work already done for them by the London shareholders. The writer of this letter has (since visiting it) taken a good interest, with every confidence in the empabilities of the mine, and in the efficiency of its management.

I hope to give you an account of the rest of my ramble next week, when I shall have occasion to notice Trstoil and Messer, Respryn, Duke of Cornwall, &c.

Bec. 15.

[ADVERTISEMENT.]

WHEAL MARGARET, AND WHEAL MARY.

WHEAL MARGARET, AND WHEAL MARY.

Sire,—We have been instructed by the adventurers in Wheal Margaret to give you an unqualified denial to the statements which have from time to time appeared in your widely-circulated Journal, to the effect that trespasses have been committed by the Wheal Margaret adventurers in the Wheal Mary sett, by means of which the latter adventurers have sustained damages to a very serious extent.

By those acquainted with the position of matters, and the motives which induced the announcement and circulation of such reports, the statements in question have been regarded in their proper light; whilst to others not in a position to arrive at a correct a conclusion the aspect of affairs has caused more anxiety, and in some instances the effect has been injurious to them in a pecuniary sense.

The object of this letter is simply to inform those who are concerned, and not to excite a correspondence, into which the adventurers in Wheal Margaret have always objected, and attill decline, to enter.

We have simply further to add that a copy of a resolution passed at a recent meeting of the Wheal Mary adventurers has been forwarded to us, accepting the lord's proposals, and agreeing to take new leases.

This concession, or rather admission, will beer but one construction; and it will be gratifying to the Wheal Margaret adventurers to know that, whilst by the terms of the rew sets their present in ground will be preserved to them (including the lodes from which the tim valued at 100,000! is said to have been extracted), the Wheal Mary adventurers for the future will have to confine their operations to their own limits.

Helston, Dec. 13.

RINNING REPORTS.

MINING REPORTS.

Sin,—As a speculator in mines, allow me to suggest to mining agents and captains that a considerable improvement might be made in the manner of drawing up reports of mines; and, as explanatory of my views, perhaps you will oblige me by inserting this letter in your next Journal.

It is usual to send reports worded something like the following:—" In the 120 fathom level north the lode is 3 ft. wide, and worth 161, per fathom; in the same level south the lode is 4 ft. wide, and worth 161, per fathom." Now, supposing that this level had been previously turning out only half the quantity of ore at a remunerative profit, here would be apparently a very great improvement; but supposing, at the same time, that the ground since the last report had become so expensive to work that it would cost 101, to get 97, worth of ore, the value of that level would have a very different appearance. My suggestion, therefore, is that the cost of working the level and stopes per fathom. I sam told that such information would not be willingly given by some captains; but whether willingly given or not, it should be insisted upon.

A report of the value of a level per fathom, without, at the same time, giving a report of the expense of working that level, may do very well for such speculators as those who, on hearing a captain say that a new shart will cost a great deal of money, will ask him—" If it is not possible to buy a second-hand one?"

I would also suggest that a lithographed plan of the underground workings of the mine should be sent to each shareholder once every half-year. No reasonable shareholder would grumble at the expense, which, in fact, would be but trifling.

I am told by an old and very experienced mining captain that the above suggestions are not in the least unreasonable, and ought to be complied with.

I cannot conclude this letter without calling to the notice of the shareholders in Herodafoot Mine the business-like manner in which the present manager, Capt. Trevillion, acted the moment he ascerta

MINING IN IRELAND.

MINING IN IRELAND.

Sin,—It is very satisfactory to see a spirit of enterprise is beginning to exhibit some symptoms of renewed activity in several of the mining districts of Ireland; and what is more satisfactory still, is that the Irish themselves are arousing from their lethargy, and showing indications of a desire either to undertake those speculations themselves, or uniting with companies formed in England, upon a scale that does them infinite credit. If my information be correct, some new undertakings have been recently formed in Dublin with this object, and carried out with great spirit; and others that have been formed in London with the same object have received the hearty support of many very influential parties in Dublin and various other localities in the Sister Isle, with a warm desire to promote the mining industry of that highly promising country. I accept this as an indication of the growing prosperity of Ireland. She is beyond all doubt increasing in wealth; and these are active symptoms of her desire to promote the wealth of her country by a spirit of enterprise, that should be fostered and encouraged, for the bringing out of her mineral riches, which have lain dormant for so many centuries, but which will I trust ere long form a large portion of her national wealth. Why should Ireland be so much behind Cornwall and Devoosbire, when sufficient has been tested to prove that the average standard of her minerals are double the produce of those justly celebrated English localities. I will venture to predict that if a sound spirit of mining enterprise is encouraged, supported, and carried out with cantion and perseverance in Ireland, the results will establish a reputation for mineral wealth in that country not be equalled in any county in England.

I have been led to these remarks by the information I have obtained as to the complete success that has attended the bringing out of the Crookhaven Mines, situated in the south-western part of the county of Cork. The support that undertaking has receive

'FACTS" FROM THE SCHULL MINING DISTRICT (CO. CORK).

"FACTS" FROM THE SCHULL MINING DISTRICT (CO. CORK).

Sin,—It has often been remarked that the lodes in this district are not continuous in depth, but how such a conclusion could be arrived at is somewhat strange and puzzling when opposed to the "fact" that no mine in the district has yet been worked in depth—that the lodes are continuous in length, and that they pass through a mineralised district, from the Andley Mines to the Brow Head, including the mines of Bailycumisk, Dreenatra, Schuil Bay, Lemena, Crockhaven, &c., a distance of nearly 20 mines," are "facts" which nobody can deny. It is also a "fact" that the Ballycumisk Mine, now 60 fuz. deep, and the deepeat mine in the locality, which is situate to the east of the Schuil Bay Mine, has sold three valuable cargoes of ore within the past 12 months, and another cargo nearly ready for market. I see by the Swamesa Ticketing List the last sale from Ballycumisk, on the 6th inst., was as follows:—

Price.

61 tons £12 14 6 £776 4 6
29 tons 17 8 6 498 1 6
15 tons 24 7 0 365 5 0=£1639 11 0

The deepest levels in Bailycumisk are the bost. It is a "fact" that the Schull Bay Mine, on the town land of Coesheen, sold from shallow workings 20,000, worth pf copper ore. An engine is to be erected on the mine, in order to continue the workings in depth; and as one "fact" is worth a hundred "assertions," the man who suggested the mines in this district are not continuous in depth, in the face of what is being daily proved, must be an extraordinary genius. West of Schull Bay is the extensive and valuable mineral property of Lemcon, with all the lodges of the district passing through it; this is virgin ground, and the longer it is left so the more is the pity, and people at the same time running over the globe to seek for places in which to invest their capital. West of Crockhaven has been greenly forked to the bottom, and active operations commenced. West of Crockhaven is the Brow Head Mine, which has soil many thousands of pounds worth of cooper ore from shallow workings, a

THE DISCOVERY IN NORTH ROSKEAR MINE.

Sin,—In the last Monthly Circular published by Messra. Vivian and Reynolds they state, that had it rested with the manager to send a notice to the adventurers of the late discovery in North Roskear they probably would have received earlier intimation of the same. None can know botter than Messra. Vivian and Raynolds that this statement is incorrect. If the manager of North Roskear had desired to have sent a circular to the adventurers, he could have informed me of the fact, either by messenger to Penzance or by telegraph; and he well knows that such a message would have been immediately extended.

incorrect. If the manager or adventurers, he could have informed me of the fact, either up and enturers, he could have informed me of the fact, either up and the well knows that such a message would have been immediately by telegraph; and he well knows that such a message would have been immediately attended to.

It is quite unusual to keep the share ledger on the mine. If it were kept there a purser must live on the mine, to be enabled to answer the daily post. From what I have stated above, my keeping the share ledger at my office can be no reason why adventurers should not have the earliest information of anything of consequence occurring on the mine. Messrs, Vivian and Reynolds seem to imply that the adventurers ought to have had earlier intimation of the discovery in question. Doubtless at our next meeting Capt. Vivian will satisfy them, yes or may, on this head. So far as I am concerned, I received information of the discovery at about half-past nine on Esturday morning, and in five minutes afterwards the circular I sent, together with a share list, were in the hands of the printer.

Twice in Mesers. Vivian and Reynolds 'Circular they have, in not very complimentary language, referred to the interference of pursers with managers. If a purser is to go to the pay-table once a month and pay what is placed before him, without asking any questions, his duties certainly become that which Mesers. Vivian and Reynolds describe them.—" comparatively insignificant." My notion is, that should a purser see any extravagance in management, it is his duty to interfere and prevent it; in a werd, sheald

Dec. carre until to the total to the win in it is as a code far are day little the are day listed the are for more in the code of comments of comments and the sound and an are well as the are well as the code of the sound and an are well as the are well as the area well as the

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see anything wrong it is his duty to set it right if he can, and if he canning the same before a general meeting, and let the adventurers judge for the Pentance, Dec. 18.

W. DARER, Purser of North

"ARGUS," AND CALSTOCK CONSOLS.

"ARGUS," AND CALSTIQUE CURSULS.

Sir.,—When a party under a fictitious name utters a falsehood, there must be some simister motive for his stooping to such an an act, as he has not the manifiness to state his real name, and makes use of another to endorse his calumny. I speak with reference to the remarks of "Argus," in last week's Journal, when he states, "I hear that Capt. Clemo, of Devon Consols, has inspected Calstock Combis, and his report is most unfavourable, the ore being of low quality, and that it is not in a position to pay costs." I beg to inform "Argus" that our ore is not of such low quality as he states, and that at our next sale we anticipate realising from 13t to 14t, per ton for our best parcel, and that the sale of the whole will average from 6t, to 7t. per ton at present standard. For the further information of "Argus," we are more than paying costs.—W. B. Cellow. Calstock Cossols, Dec. 14.

P.S.—I find the price of the ore sold from the communicement will average 5t. 11s. 6d, per ten.

NEW MARINE INSURANCE COMPANIES.

Sin,—With respect to the new marine insurance companies, it is much to be feared that there will be rain on these speculations unless you use your influence with the public, and prevent them running risk. It should be borne in mind that the existing insurance companies have the cream of the business, and new companies must be contented with the skimmed milk. The late loss of shipping and lives has been fearful, and it is always observed that when the shipping interest is at low ebb (which is most unfortunately the case at present) that the losses are far greater than when shipping is flourishing. The losses at Lioyd's this year are more than double those of any previous bad year. The public should also consider that several marine insurance companies were completely rulned some years since, and the unfortunate shareholders who signed the deed, and sold their shares afterwards, were made contributors to the large liabilities of the company under the Winding-up Act, which I unfortunately know to my cost. London, Dec. 14. A VICTOR.

Meetings of Mining Companies.

GREAT WHEAL VOR UNITED MINING COMPANY.

An ordinary quarterly meeting of shareholders was held at the company's office Gresham House, on Wednesday,—Mr. G. Noakes in the chair.

Mr. TRURAN read the notice convening the meeting. The min

An ordinary quarterly meeting of shareholders was held at the company's offices, Gresham House, on Wednesday,—Mr. G. Noakes in the chair.

Mr. Trunkan said the was exceedingly sorry that he was obliged on that occasion to make the same remark that, under the same grave-firematances in which they had met upon the last two or three occasions, he saw so small an attendance of shareholders. Amongst the many painful circumstances that had happened to himself in his vocation, may be a supported that the painful circumstances that had happened to himself in his vocation, and the same property of the painful circumstances that had happened to himself in his vocation, and the painful circumstances in which the mines were now situated. He could not allow the business of that day to commence without expressing the deep regret he fait at not having the possibility of seeing present one shareholder who had always supported that undertaking faithfully, and had given encouragement when difficulties stood allow the business of that day to commence without expressing the deep regret he fait at otherwise the paint of the paint of the paint of the paint of shareholders—indeed, wherever he was known; and it asymig that he (the Chairman) was only reiterating the remarks made by the magistrates and judges of the land at Exeter. He altitude to the lose—the deplemble lose—of Mr. Stopders; and he could not allow that meeting to proceed to business without first expressing his deep regret at his large and poor for minerals. The 296, driving west of Bounders had, on the main loke, is a very large and wet, and yielding good stones of the one; the lose is very much improved within the last week. The 296, driving west of Bounders shaft, on the main loke, is a very large and wet, and yielding good stones of the one; the value of Bounders shaft, on the main loke, is from a top of Bounders shaft, on the main loke, is from a top of Bounders shaft, on the main loke, is from a top of Bounders shaft, on the main loke, is from the 296, early religi

The committee, in presenting their report to the adventurers, regret to state that their anticipations during the past quarter have not been realised. The returns have declined in consequence of the failing off at Wheal Metal, whilst the cost has been increased by a considerable augmentation to the plant and extended tutwork. The new 60-in, cylinder engine was completed and put to work about the middle of October, and answers remarkably well. The Carleen 85-in, eylinder engine has been erected, and was put to work on Nov. 28. The water is already forked to the 15 fm, level. Pitches are now being set in the shallow levels, and it is hoped this mine will specifyll add to the receive that these expensive works have considerably increased the cost, which has been felt the more in consequence of the returns declining during the period of this heavy expenditure, and thereby placed the financial position of the company in a much less satisfactory state.

actory state.

the last general meeting the discovery of a rich and well-defined lode was reported at shaft, which from its general character promised to be continuous, and raised spectations of the committee that When! Metal would specdily recover her former citveness. After sinking 7 fathous through the lode at the shaft, levels were driven and west in the 32, but the ends proved poer. It may, however, he stated that the nead is reported to be improved during the last few weeks, and gives indication they prospects. The sinking of Metal shaft has been resumed.

Husband has for some time attended weekly at the mine. Mr. Divett has again anally inspected the underground operations.

MI. Insteam are for some time account operations.

The returns from Wheal Vor have gradually increased; the bottom of the mine, however, continues to be poor. The tinetung generally is of low produce, except in the 260, der shaft, where it is highly r stive. The grou at of Borl

ever, continues to be poor. The tinstuff generally is of low produce, except in the 20, east of Bonder shaft, where it is highly remmerative. The ground east of Bordae's shaft is not so good so it was. The shoot of tin which went down in the winze in the 236 fm. level, and which was hoped would grove continuous below the 248, is becoming fibrous and poor, and much diminishes the expectations of the committee in the old mine. It has been prepared to sink and lay open Bordae's shaft on the course of the lode, which if carried out would add to the returns in the course of working.

The committee, in reviewing the operations at the mines during the last I'm months, cannot but express their deep disappointment at the general reselt. The actual development is much less than had hoped to have seen schieved, and the discoveries, which at times have been cavering, have not realised the results they promised; it is, however, but fair to state that many unpressen and uncontrolable circumstances have militated against them. In the early part of the year several accidents happened to the from rods at Bordae's shaft, which at last necessitated their being changed for wood ones. This occasioned a great expresse, and a loss of full three months' time. Neither this nor the credition of the two new engines and ansonary were brought into Mr. Petherick's estimate. The great failing off in Wheal Metal returns was also unexpected; had Wheal Metal returns was also unexpected; had wheal Metal returns was also unexpected; had wheal Metal continued to maintain its returns, Mr. Petherick's estimate would in all probability have been realised, for Wheal Wetal returns was also unexpected; had wheal Metal returns was also unexpected; had wheal Metal returns was also unexpected; had wheal Metal extensive been realised, for Wheal Wetal returns was also unexpected; had wheat Metal Metal returns was also unexpected; had wheat Metal Metal returns was also unexpected; had wheat Metal Metal extensive security of the superior of the development of

pitwork and powerful machinery, now adequate to hold the water in fork throughout the setts. The facilities adopted for drawing tinstuff from the numerous shafts. The extent of dead and poor ground aiready passed through in sinking and driving. Carleen Mine yet untouched, and Trueman's lode but slightly developed. On the other hand, it must be admitted that the heavy water charge and deep working render old Wheal Vor Mine very expensive; the driving of the ground is so hard that it is costly. The tinstuff raised, axeept at the wince east of Bordase's shaft, and the 260, east of Bounder shaft, has been hitherto of low produce.

Under all these circumstances, it will be necessary to consider what further outlay should be made. The committee cannot recommend a continuance of such a heavy expenditure with present prospects. The feel that it will be incumbent to sussend most

m h. Under all gould be made, and turn with present parties of the unproductive ground the unproductive ground univers to suspend the lable. produce.

Ircumstances, it will be necessary to consider what further outlay a committee cannot recommend a continuance of such a heavy exat prospects. They feel that it will be incumbent to suspend most ground immediately; they, therefore, ask for the approval of the dt he whole or such parts of the old Wheal Yor Mine as they may

Total£3918 8 8
And paid—Merchants, bills£1141 6 11
Bundries (interest, discount, and postage) 3 6 10 = 1144 13 9

Balance in hand this day£2773 14 11 The liabilities this day (including the cost for Nov. month and merchants' bills to the 10th of the present month) amount to £16,575 19 From which deduct—Balance in hand £2773 14 11 Calls now due (including 61 unregistered shares) 1140 16 10= 3,914 11

Balance against the mines this day£12,661 7

chart. Gazacter. With regard to the utwert, he would challenge the whole county trivial character. With regard to the tutwork, he would challenge the whole county are also as the county of the count

ture. Could be say he would abandon the mine as utterity worthless? for, if he did, that was not the opinion of practical men in the district.

Capt. Gull repiled that he could insure the salventurers nothing, if they determined upon carrying out operations in Wheal Vor. He should most certainly not recommend the extending of the old mine any further, and he judged from the general appearance of the mine. There were levels, however, that he should like to exteen a little further, to see if the bunch was continuous, but under the present circumstances he would not see Wheal Vor 6f. deeper. Although all the tin had been taken away close up by the former manager, there was a considerable quantity at present on the mine, which could be taken away shortly at a much less expense.

The Chanturas, in answer to a question, stated that the matter of the alimns was at present in abeyance. There was no reason to entertain any opinion about the legality of the grantor being able to grant the silkness. With respect to their future operations, he might state it was the natious wish on the part of the board that no decision should be hastily come to, but they asked the shareholders to give their approval of what they in their judgment might decide for the benefit of the property, and for their own interest. It was then unanimously reselved that the accounts be allowed and passed, and the reports adopted.

in their judgment might decide for the benefit of the property, and for their own interest. It was then unanimously reselved that the accounts be allowed and passed, and the reports adopted.

The Chainman said they then came to the painful part of their day's business—one that touched their pockets. The large liabilities they had must be met, for they thought it a very unsound policy to allow inabilities to stand over; but the call which they would have to make, he was sorry to say, would be heavy. Looking at the circumstances in which their property was situated, he sit bound to ask them to sanction a call of 10s, per share, payable in two instainments, 5s. forthwith, and 5s. on Feb. 1, and a discount of 2½ per cent. to be allowed if paid before the 31st instant.

A call of 10s, per share was then made.

It was then resolved that the committee be empowered to suspend such parts of the mine as they may deem advisable.

The Chainman said the board could not recommend the continuance of the present heavy expenditure. They felt it was a most important and responsible task to perform, to recommend shareholders to throw away any chance of recovering their property, and they would feel very grateful for any recommendation or advice.

Mr. Goodinde would most certainly object to any further sum being expended without the consent of the general body of shareholders. He was giad that the captain had been candid enough to state that the bottom of the mine had not sufficiently favourable indications to justify the continuance of the presention.

The Chainman, assuming that the board possessed a certain recedom of action inherent and belonging to it, said that they contemplated the immediate suspension of certain upproductive works, and thereby the cutting down of a large portion of the present expenditure, but in such a way as not to interfere with future prospects. During the last ten months they had pushed on the tutwork, and opened the ground as much as they possibly could.

Mr. Goodnidos said that, by cutting down expe

they possibly could.

Mr. Goodhide and dishat, by cutting down expenses, they would be reducing development, and also their chances of success.

Mr. Perhemot, and also their chances of success.

Mr. Perhemot, the control of the country of the cou

ne mines, and the site of the fruth of Mr. Petherick's statement.
Mr. Divært bore testimony to the truth of Mr. Petherick's statement.
The Chankan concurred. He, from his personal knowledge, knew that Mr. Petheick had taken his data from the general prospects of the mine.
The committee were then re-appointed; and Mr. G. Noakes was appointed Chairman,

ick had taken his data from the period of the proprietors felt that the duties of Chairth committee were then re-appointed; and Mr. G. Noakes was uppossed.

A SHAREHOLDER was sure the whole of the proprietors felt that the duties of Chairann were very efficiently discharged, and very much superior to what they had been
itherto. He expressed his unlimited confidence in Mr. Noakes, and in all the other
irrectors. He would move that a vote of thanks be given to the Chairman and directors,
which, being seconded, was put and carried.

The Chairman thanks thanked the proprietors for their cordial expression towards him
m behalf of the directors, he could assure them that they would continue to do their duty.

Mr. W. Moates was then re-elected auditor, and the proceedings terminated.

NEW WHEAL VADDON MINING COMPANY.

eting of shareholders was held at the White Hart Hotel, Uttoxeter, on Tuesday, Mr. Thomas Weston in the chair.

Mr. BRUNTON (the secretary) read the minutes of the last meeting.

It was moved by Mr. PHILLIPS, seconded by Mr. LANGLEY, and carried unanimously,

—That the same be confirmed, with the exception of Rule No. 5, which is hereby

mended, so as to give a vote for every share held.

The SECRETARY then read the following statement of receipts and expenditure, from

the commencement of the mine to the end of Sept. last, which embraced a period of 17

months, communicing May, 1858:—

Expenditure.

That the thanks of the shareholders be tendered to Mr. Wagstaff for his kind services.

Capt. FLOYD, who was present, reported on the present position and prospects of the mine, as follows:—Branton's shaft is now down to the 30. We shall now commence to cut plat, &c.; and when done we shall at once commence to sink below this level, in order to communicate with the 40 before the winter rains set in. We shall also commence driving west on the Tolvadden lode. The stopes in back of the 20, both cast and west, are looking well; and we have every reason to expect when these operations are completed we shall increase our samplings and pay cost. I am happy to say our prospects are of a most cheering character. All other works are going on most satisfactorily throughout the mine.

inroughout the mine.

Moved by Mr. TRECELLAS, seconded by Mr. LANGLEY, and carried unanimously.—
That a call of Ss. per share be, and is hereby, now made, payable on or before Dec. 31.

Moved by Mr. BRUSTON, seconded by Mr. WAGSTAFF, and carried unanimously.—
That Messra. Bolithe, of Pensance, be requested to become the bankers of the company;
and that, subject to their consent, they be hereby appointed.

The following gentieuen were then appointed the committee for the ensuing three
months:—Messrs. Bourne, Langley, Weston, Phillips, and Butler.

The Chankar said he was sure the shareholders present would agree with him in
the opinion that the operations which they had had described to them to-day, and the
cost of which appeared in the accounts presented, reflected great credit on the managing
agent, Capt. Floyd, both for the extent to which the mine had been present in the short
time it had been at work, and for the evident economy that had been practised.

A vote of thanks to the Chairman terminated the proceedings.

WEST TOLVADDEN MINING COMPANY.

ceting of shareholders was held at the White Hart Hotel, Uttoxeter, on Tues Mr. THOMAS WESTON in the chair.

(the secretary) read the minutes of the first meeting, as entered in the ost-book, which were confirmed.

The Cianuasa read the following statement of accounts, which extended from the ommencement of the mine, in Feb., 1858, to the end of Oct. last:

 Cost for 21 months, to end of October
 £1127 6 2

 Call of 5s. per share
 £1024 0 0

 Copper ore sold
 31 18 6= 1055 18 6

Leaving balance against the mine£ 81 7 8

Capt. From asid he had been at the mine a short time back, and fully agreed and Capt. Thomas's report, in substance and detail.

Mr. BEUNTON, in answer to a question, said that he considered they had at least 10 tons of ore of good quality at surface now, and that, as they were daily raising more, he thought a call was unnecessary.

Capt. Froto thought that 10 tons was under the mark, and that 12 or 14 tons would be about the quantity of ore raised.

The following gentlemen were then appointed the computies for the mark, and

The following gentlement were then appointed the committee or the channel them on the Channels. He was the satisfaction at the clear and business-like state of the accounts which had been presented to them; and considered that in this mine, as in New Wheal Vaddon, the shareholders had abundant reason to be pleased with the carefulness which had chear acterised the outlay, and, at the same time, with the progress that had been made in the development of the mine. He thought their prospects were

nest gratifying.

A vote of thanks to the Chairman terminated the proceedings

PRESENTATION.—Mr. J. C. Cain, of Alston, having been appointed sure veyor of the "W. B. Lead Mines," in Northumberland and Durham, the the several mines in Alston Moor of which he was manager have presented leaving Alston, with a very handsome timplece and moderator lamp, and with a neat gold watch-guard, as a token of respect. The following inscrip the timepiece: —"Presented to Mr. Joseph Cowper Cain by the worknen of the timepiece:—"Presented to Mr. Joseph Cowper Cain by the workmen of mines of which he was manager, to record the respect entertained for him, ing Aiston Moor, November, 1899." Mr. Dickinson, solicitor, was waited depatation of workmen, and invited to assist them, to which he very kindi and having purchased the articles of Meszra. Ried and Sons, of Newcastle, them on behalf of the workmen, who met for that purpose in the Assembly il Inn, Aiston: on which occasion, in a very appropriate speech, Mr. Dickin out the duties of a manager of lead mines, with an acknowledgment that M performed such in a most against manner. It must be gratifying to leaving Aiston Moor to receive such a compliment from those with whom he laboured, and expressed by one of the leading gentlemen in this part of the one also who has the working man's interest at heart.

FOREIGN MINES.

VICTOR EMANUEL MINING COMPANY OF PIEDMONT.—Miggiandone, Dec. 6: The lode in the winns of the lower level has become so large that we can only carry a part of it in sinking, so that we cannot is anything as to the while of the whole until we shall be able to stope it away. The lode in the end of the main level continues to yield the same quantity of ore as lest reported. The lode in the Gairria Naova is not quite as rich as it has been. We have, in addition to the read from the lower level to the dreasing floors, commenced another which is to lead down the mountain to a point where we propose to begin shortly a new level for the purpose of coming under the wince to give it ventilation, and to enable as to stope away the ore discovered in it.

PONTGIBAUD.—Capt. Rickard, Dec. 7: The sampling for November was as follows.—Reure, 133 tons, produce, lead, 354/5 per cent.; silver, 73/2 cas. Mioche, 354/5 per cent.; silver, 32 cas. Mioche, 354/5 per cent.; silver, 32 cas. Total, 266 tons.—Roure: The 40 metre level, south from Anna's, has been communicated with the same level driven north from Agnes' sinat, and a complete thoroughfare made from one part of the mine to the other; although the length is fail 1000 metres the levelling proved to be perfectly correct, there being no difference whatever in the height of the two levels. We holde on Wednesday last, and on Saturday the pumps in Agnes' shaft were turned did. We have now all the power of the little engine for drawing the stuff. We shall now bring down Agnes' drawing shaft to the 40 with all possible speed, so as to draw way the stuff from that level, which we are doing at present with a horse-whim. We are now taking down the lode left standform in the 40, where we find it worth 2 tons of ore per fin. The 40 metre level, south from Agnes', is looking promising, and turning out 3/4 of a ton per fin. The 20 metre level, south of Agnes', is no large kindly lode, but hard for driving. Every fisure in the lode is full of the phosphate of lead, which is a

notice. Nothing as been met. with in the cross-cut at the 20, and we have resuited the driving of the level again on the course of the idea.—Frania: The stopes and pitches are yielding about the same as they have done for several months past.—Argentalle: We are deally expecting permission to begin the cross-cut to intersect the tin lode at a greater depth.

New Grann Ducht of Baden.—S. Richards, Munsterthal, near Freiburg, Dec. 12: A. Schindler engine-shaft, the lode in the 44 north is 4 ft. wide, worth the form in In the middle of the same level; it as 14, ft. wide, worth 54, for fin. The fin. In the south end of same level it as 20 in. wide, worth 32, per fin. The stopes in the back of this level, north of shaft, are worth on the average 74. per fin. North Schindler adit has been made good since our last report 24 fms. leaving now about 25 fms. to reach so far as the level is cleared of stuff. South Schindler adit has been cleared and secured since our last report 24 fms. leaving now about 25 fms. to reach the lode. Tearleagrand stopes, in Louisen level, are producing on the average 5 cwts. of ore per fm. In Frederick's level the stopes are producing 6 to 7 cwts. per fin.

LUSITANIAN.—T. Chegwin, Dec. 5:—Palhal Mine—Basto's Lode: The lode in Taylor's disgonal engine-shaft, sinking below the 33, continues unproductive, but is drained aimest dry by the cutting of water in the 50. We have now got through the lode as the 50, and find it to be 6 ff. wide in all, the ore part being about 15 fm. wide, which also contains quartz. In going through the lode we cut a large stream of water, which rose on the engine for a short time, but is now all in first again. We hope to commence the driving of our levels east and west of the cross-cut to-morrow, where the lode is the 50, and find it to be 6 ff. wide in all, the ore part being about 15 fm. wide, which associated and search of the same shaft, is 2 ft. wide, unproductive. The lode in the 38, driving west of Taylor's engine-shaft, is 4 ft. wide, producing stones of or. T

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shaft, and also in the bottom of the Universionesizate sink, is likewise unproductive. The stopes and the tribute pitches throughout the mine continue just the same in value as reported in our last setting list.

English and Canadian Mining Company.—Dr. J. L. Hall, Dec. 13: In laying before you a report of my visit to these mines previous to my departure from Canadia for England, I beg to state that I left Quebec on Saturday, Nov. 6, but was unable to reach the mines until the following day, in consequence of the very had roads from the unsettled state of the weather, there being in many places upwards of two feet of snow on the ground. At the depot at Point Levy I found 9 boxes of or; at the Craig*-road station, 15; about 35 boxes on the road, and 50 at the mines, roady for the contractor to transport to the railway. I examined the whole of the works. On Hall's lode there has been considerable surface work done since my last visit; the lode has been opened out for about 35 or 40 fms. from the point at which it was originally discovered, and traced at intervening points for upwards of 150 fathoms. In the drivages from Hall's lode, and the further continuance of this end has been suspended, and the stoping of the branch has been vigorously pushed on by four men and two boys. In the drivage on Hall's lode there was some very fine ore, and our prospects look most encouraging; the lode being about a foot wide, of the quality as per sample which I sent to the office. There are also four men stoping the back of this lode. The shaft from the surface working on these lodes of about 89 to 100 tons, that will average 4 or 5 per cent. for copper; there is also a pile of carbonates from thesame, about 5 or 6 tens of 25 to 30 per cent. of copper; about 5 or 6 tens of 25 tons, of about the same quality of ore. From the appearance of the lodes at the surface and in the back of the respective drivages there cannot be less than from 3000, to 4000, worth of ore in signs. In Morrison's adit there is no change to report, accept th

HOLLOWAT'S P1118.—No medicine can surpass these pills in their purifying and curative power over every organ of the bedy. Stomach, liver, lungs, heart, and kidneys soon display subjection to its influence, by which all diseases of those organs are averted. All obstructions are removed, every function is healthfully performed, the digestion is by their influence so improved that scarcely any food disagrees, acidity and fintuiency alike are checked, maneau and biliousness disappear, firmness is given to every muscle and tone to every nerve, the mind becomes exhilitrated, and the thoughts cheerful. These wonderful pills correct dyspetic habits, whether resulting from residence in hot climates, or over induigence. They secure by night sound and refreshing sleep, which fits the body for renewed exertion.

Mining Correspondence.

BRITISH MINES.

Affinery CONSOLS—J. Trevel, Dec. 12: The bode in the 30 cool, west of the castern short, its producing a little biends, but for the present poor fee lead; we have short 3 final more to drive blossive we reach them, Dec. 12: The bode in the 10 cool, west of the castern short, its producing a little biends, but for the present poor fee lead; we have short the stope to the bodison of the 10, and I think in about a work or the drys from this time we shall take away all the ground that will awy for stoping at this point, the work of the stope to the bodison of the 10, and I think in about a work or the drys from this time we shall take away all the ground that will awy for stoping at this point, the work of said shaft, in a southerly direction, to prove if we have all the lode or the work of said shaft, in a southerly direction, to prove if we have all the lode or the work of said shaft, in a southerly direction, to prove if we have all the lode or the work of said shaft, in a southerly direction, to prove if we have all the lode or the work of said shaft, in a southerly direction, to prove if we have all the lode or the work of said shaft, in a southerly direction, to prove if we have all the lode or the work of said the said of the work of the said of the said

reached, no doubt good results will follow. The stopes above the 10 we are compelled to suspend, being near the surface, and the ground heavy. No change to notice in any other part of the mine.

BULLER AND BASSET.—G. Reynoids, Dec. 12: This week the shaftmen will send down the sinking lift, after which we shall resume sinking the shaft below the 80 with all speed, on a strong and masterly iodo. The lode in the 80 east is full 6 ft, wide, producing a quantity of mundic, impregnated with copper ore. As soon as the shaftmen have, completed the necessary work, we shall then commence to lay this promising lode open west also.

BWICH CONSOLS.—R. Northey, Dec. 12: New Mine: There is no alteration in any department of the mine worthy of romark since I last reported,—201d Mine: The ground in the 70 west is harder for progress, and the lode is looking more kindly for ore. The lode in the 50 is improving; it is 1 feot wide, producing splendid stones of ore. All the machinery is working weil, and the dressing department is going on satisfactorily.

CALSTOCK CONSOLS.—3. Pryor, Nov. 30: Having inspected the above-named property, 1 beg to hand you the following remarks thereon, connected with the present appearances and future prospects—I find the engine-shaft is now about 3 fms. under the 36, but sinking on course of lode, producing about 3 tons of good ore per fm., or 8 tons for length of shaft—16 ft. The 36 is driven west about 12 fms. through good payable ground for stoping. The 36 east is driven about 16 fms, for the last 8 fms. of which; drivinge the lede has produced from 3 to 4 tons of rich ore per fm., and the present end yielding full 3 tons per fm. The len in back of this level is also yielding from 3 to 4 tons of rich ore per fm., and the present end yielding full 3 tons per fm. The len in back of this level is also yielding from 3 to 4 tons of rich ore per fm., and the present end yielding full 3 tons per fm. The len in back of this level is also yielding from 3 to 4 tons of rich ore per fm., and the present end

the next taking down of the same we anticipate having a lode equal to anything yet seen in this level. The rise in back of the 36 has again drained away the water from the winze, and a communication will be made between the two this week: the lode will yield 4 tons of ore per fm. There is no rileration to notice in the stopes in the 36 west. In the 24 fm, level cross-cut north asmail east and west branch has been passed through, underlaying north, which is carrying ore and mundic; the ground has greatly improved for driving. In the aits level east, on canuter lode, the lode is 2½ feet wide, yielding about 1½ ton of ore per fm. In the other bargains and pitches there is no alteration.

CAMBORNE CONSOLS.—W. Roberts, Doc. 14: The rise in back of the 50 is pro-rection glowly; the lode is 2 feet wide, composed of spar, black jack, and occasiona-tomes of ore. In other parts no alteration to notice.

CAMBORNE VEAN.—John Vivian, Dec. 13: In the 222, driving east of the sump-winze, on the south lode, the lode continues very large, yielding stamping work for tin, but not so good as for some time past; the ground is hard for driving. The stopes in the back of this level have not been so productive of tin for the past fortnight as for some time past, but at present they are looking better for tin. In the 170, driving east on the middle lode, the lode is split in branches, and at present unproductive. The 106, driv-ing west on the caunter lode, is not so good as last reported, producing stones of copper, but not concept to value.

CARADON CONSOIS.—Wm. Rich, Dec. 15: The horse of granite in the 30 east is worn out; the lode in the end is now 18 in. wide, with regular and well-defined walls, and shows good spots of yellow ors. The shaftmen have commenced to cut a plat in the 42, also to case and divide the shaft and form a Tootway. The sinking of the shaft is necessarily suspended until this work is accomplished, which I calculate will occupy shout three weeks from this time. weeks from this time mt three

about three weeks from this time.

CARDIGAN CONSOLS.—J. Sanders, Dec. 13: During the past month Bog shaft has been sunk 3 fms., the prosent depth being 7 fms. 5 ft. below the 10. The shaft is still in the lode, which for the last fathom has produced some very good stones of lead ore, and has a very promising appearance. The 10 east has been driven 3 fms. 4 ft. 3 in.; total length from cross-cut 14 fms. 1 ft. 6 in.; this level has been driven for the last

2 fms. in unsettled ground, in which the lode has been poor; but at present the ground appears to be more settled; the lode is harder, and an improvement is sbortly expected. The 10 west has been driven 2 fms. 1 ft. 6 in; total length from cross-cut, 11 fms. 3 ft.; the lode in this level has been very poor for the last 3 or 4 fathoms, but at present it is yielding some good stones of lead ces. About 7 fms. of ground have been stoped away from back of the 10 cest, which have yielded about ½ ton of ore per fm.; the lode at present is much the same as it has been for the past month. Since the lode was cut in this level, which was on the 19th of August, about 40 fms. of ground have been taken out of it by driving and stoping which have yielded about 25 tons of ore, which I consider to be very encouraging for the local level. I expect to get the shaft completed to the 20 in about four works, where a cross-cut will be driven north as soon as possible, to get under the ore ground driven through in the 10, where a good banch of ore is expected to be met with. Saturday last being our pay and setting day, the following bargains were set:—The 19, to drive east, by six men, at 7t. per fm.; the 10 west, by four men, at 7t. 10s. per fm.; to rise and slope above the 10 cast, by six men, at 7t, per fm. in rising 6 feet long, and 3t, 5s, per fm. for stoping. The shaftmen, not having finished their contract, will go on as before. Four men are working in the western part of the mine on tribute, at 8t, per ton for lead ore.

CARMARTHEN UNITED.—R. Sanders, Dec. 18: In the 32, both north and south, we are at present desuing the lode, which is still very hard. The last taking down in the south end the lode was about 3 ft. wide, producing about 9 ewts. of lead per fathom. I would here remark that the lode in this (our bottom) level is more compact than in either of the upper levels. We have opened on its course about 14 fms., and for the distance the lode will average 2½ ft. wide, carrying two well-defined and firm walls, and has prod

and in 2-beautiful lead bearing stratum, there being small strates and species of lead in the greater part of the Joints. The wisse sinking in the 12 morth is down of firms, and for the whole distance we have had good branches of lead, but at present it is unproductive, the aboot of ore having taken a northerly dip with the stratum; and, should feominue to do so, we shall have about 6 firms, more to drive the 22 morth, so as to meet with it in that level.

CARV ATH UNITED.—R. Hanceck, Dec. 15: The lode in the 60 end is still holding good; it is now 3 feet wide, and worth about 11£, per ton. We have let a stope in the cities with the course of the lode; the shall drive east and west with all possible speed on the cities-shall is down 8 firm. 3 feet below the 10, and we hope to be down to the 20 by the end of this month, when we shall drive east and west with all possible speed on the course of the lode; the lode in this shall is about 2 ft. wide, and groducing saving work for tin. The lode in the west end is producing tin, but not so good set that been; and the lode on the cast end is a stant and poor at presents, but I do not think this will institute the course of the lode; the course of this level cast of the shalf, on the course of the lode, to ventilate the end, and to lay open the ground for stopes. I think the mine generally is looking favorrable, and teal appearance we shall increase our returns of tin this month Weshould have had more it in last month had we not been delayed on the old mine by the water being in the mine, in consequence of one of the pumps breaking.

CATHERINE AND JANAC CONSOLS—H. Harry, Dec. 14: The lode at the trial level, driving south-cast of No. 4 winse, is 15 in. wide, producing 5 ewis. 6 ors per firs, and the lone of the lone of the course of the results of the course of ore ready for market.

CENTRAL MINERA—J. N., Dunn, Dec. 16: The 70 yard est the lode is looking with the same as when last reported on. In the orwas-cut, driving north from the engine has a superior of the same a

the adit end and the 10 nn. end with full force, but have not yet taken down any of the lode, and there is no alteration worth mentioning.

DEVON AND CORNWALL UNITED.—Thos. Neill: We have no change to notice since my last report.

DEVON BURRA BURRA.—J. Lord, Dec. 14: To-day we have set the shaft to sink 8 ft., cut a plat 10 ft. long by 9 ft. wide, as per bargain, 42l., to six men and three labourers. The lead lode never looked better than it does to-day.

—W. Clemo, Dec. 15: We have set the brake-shaft to sink 8 ft. below the 20, and a tip-plat to cut in the 20 fm. level 10 ft., long, 2 ft. wide, and 6 ft. deep, by six men and three labourers, at 42l. the bargain. The lode in the 20 south will turn out 10 cwts. of lead per fm. In the 20 north the lode is worth 18 cwts. of lead per fm. It will be necessary to suspend the driving of these levels for a time to enable the shaftmen to cut the plat, &c.; and on, the completion of this work we shall put on as many men as may be required to lay open the lead lode to the best advantage.

DEVON ELIZABETH.—W. Goyen, Dec. 13: The ground at the shaft is not quite so favourable for sinking as when last reported on; we have intersected a bed of elvan, strongly mineralised, and full of small branches, which slightly impedes our progress. All the machinery is in good working order.

DEVON WHEAL BULLER.—F. Bennetts, jun, Dec. 14: The following is our setting list for Saturday last:—No. 4 lode in the 56 east, by one man and one boy, at 4l. 15s, per fm.; the lode is 14 in. wide, yielding about ½ ton of ore per fm. The 50 east, by one man and one boy, at 4l. 15s, per fm.; the lode is 14 in. wide, yielding about ½ ton of ore per fm. The 50 east, by one man and one boy, at 3l. per fm.; the lode is 14 in. wide, yielding about ½ ton of ore per fm. The 50 east, by two men, at 3l. per fm.; the lode is 14 in. wide, will be a set of the same and the proposed of spar, mundle, peach, and atomes of ore. The 20 east, by two men and two boys, at 3l. set, of the per fm. The stopes in bottom of t

are yielding about the usual quantities of tin.

DUNDALK LEAD.—S. Bally, Dec. 12: The 23 is extended south of the cross-cut nearly 3 fms.; the lote in the present forebreast is 2½ feet wide, composed of quartz, sulphate of barytes, and silver-least ore. I calculate we have to drive this end about 6 ff. further to reach the soft ground, or, in other words, to intersect the junction of the clay-slate with the jorphyry, when, judging from the dip of the bunch of ore gene down in the bottom of the 15, we shall be within 2 fathoms of the ore ground; consequently every exertion is being made to push forward this and as quick as possible. The 15 south is within a very short distance from being under M'Partling's shaft; the lode in the present forebreast is 3 ft. wide, yielding good stones of ore; in fact, it is looking much better than for some time past, and an early improvement is condently expected. Our progress in the sinking of M'Partling's shaft has been a little retarded in consequence of an increase of water, occasioned by the late rains, but the shaft is now dry and its sinking resumed; the lode in the bottom is at present 4 fest

wide, carrying a good branch of ore on the footwall, which appears to improve as the inking of the shaft progresses. I may add that the new pitwork has been pet down sinking of the shaft progresses. I may add that the new and fixed in its place without hindrance to any of the engine and pitwork is in good order and working admit (sold on the mine), at 131. 5s. per ton, on the 15th inst.

(sold on the mine), at 187. Se. per ton, on the 18th Inst.

DRAKE WALLS.—Capt. Gregory, Dec. 18: The copper lode is rather disordered, a
we stope east and get the cross-course; at present the lode contains more spar, together
which portions of the cross-course. We expect to resume the rises maxt week in the mair
part of the lode, of which you shall be advised. The branches in the 102, east of Matthews
shaft, are preducing good work. No particular change in any other part of the mine
We have sampled 14 tone of good tin ores, for sale one on the 17th Inst.

thaft, are producing good work. No particular change in any other part of the mine. We have sampled 14 tons of good tin ores, for sale on the 17th inst.

EAST ALFRED CONSOLS.—H. Skewes, Dec. 15: Paintar's engine-shaft is sunk by the construction of the 18th inst.

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EAST ALFRED CONSOLS.—H. Skewes, Dec. 15: Paintar's engine-shaft is twice, composed of spar, impregnated with copper, blende, and comper, the lot is the 20 is recommended to the construction of the 18th instead of the 21 to 18th in appearance, careed and divided the shaft, fixed horse-whim, &c. The lote in the castern end is from constant of the 18th instead of the 18th instead

No lode taken down in the 24 east since mer reported; are some as last reported.

EAST ROSEWARNE.—J. James, Dec. 10: We are fixing the new lift at the engine-shaft, and shall resume sinking in the course of next week. In the 43 west the lode has improved during the week, now 1 ft. 3 in. wide, worth 141, per fin. for copper. In the 43 east the lode is 1 foot wide, with good stones of ore. In the 33 west the lode is 1 ft. 4 in. wide, worth a boat 71, per fin. All other operations are without change to notice

ince last report.

EAST TAMAR.—G. E. Tremayne, Dec. 13: The shaftmen are at present employed atting the plat and putting in penthouse, preparatory to sinking. In the 62 south the ide has a very promising appearance, being 2½ fi. wide, and composed of mundic, caronate of lime, and lead, of the latter yielding 6 cwst. or lead, and in easy ground; the and now getting under the ore ground gone through in the 40 above, and we, therefore, anticipate an improvement. There has been no lode taken in the 40 south. We samiled on Saturday, computed, 40 tons of silver-lead ore.

EAST WHEAL FALMOUTH — We Happeck Dec. 14: We have nothing seen to

EAST WHEAL FALMOUTH.—Wm. Hancock, Dec. 14: We have nothing new in underground operations to report on since my last. We hope to weight off the bearcel of sliver-lead to-day, when you shall be advised of its weight as early as possible.

cur underground operations to report on since my last. We hope to weigh our the best parcel of silver-lead to-day, when you shall be advised of its weight as early as possible.

EAST WHEAL RUSSELL—J. Goldsworthy, Dec. 9: The lode in the 88 end east is improved, now worth 501. per fathom, and presents a further improvement; the lode is large, and letting out a quantity of water. The 77, cast of Northey's winze, is worth 601. per fin. The 77, west of Northey's winze, is improved, producing 2 tons of good ore per fin. No other change.

— John Goldsworthy, Dec. 10: There has not been any lode taken down throughout the mine to-day, therefore no change has taken place.

— J. Goldsworthy, Dec. 12: No change to report on to-day. I fully expect, by present appearances, a great improvement by to-morrow; this end is opening up rich ground. The sampling from this end will tell its own take, as all the ore will be sampled seperate. No other change. I sent you a telegram at 10 oclock A.M.

— J. Richards, Dec. 14: Hitchina's Engine-shaft: In the 100 east the lode is 4 ft. wide, composed of quarta, capels, and iron; the ground is not so favourable for progress. In the 88 east the lode is at present a very fine course of ore, being worth at least 110/. per fin. In the 88 east, west of Mollard's cross-cut, to morth part of the lode, the lode is worth 19 to meer fathorn. In the 77 east, and east of Northey's winze, the lode is worth 601, per fin. In the 66 east the lode is of the winze, the lode is 4 ft. wide, and worth 2 tons of ore per fathorn. In the 77 east, and east of Northey's winze, the lode is worth 601, per fin. In the 66 east the lode is 5 ft. wide, composed of an abundance of mundit, quartz, expels, peach, and a little ore of good quality.

— J. Goldsworthy, Dec. 13: Hitchins's Engine-shaft: The ground in the 100 end east

In the 77 east, and east of Northey's winze, the lose is worth 504; per fm. In the 66 east the lode is 5 ft. wide, composed of an abundance of mundle, quartz, capels, peach, and a little ore of good quality.

— J. Goldsworthy, Dec. 15: Hitchins's Engine-shaft: The ground in the 100 end east is a little more spare for driving; the lode is looking more promising, and producing some good stones of grey ore and green carbonate of copper; I am looking forward to an improvement, this end being appreaching the ground which contained ore in the 83, above. At Homersham's shaft, we have now completed the drawing of the stuff from the 100, and shall to-morrow commence the driving of the 100 east and west, when we shall lose no time in communicating with the 100, east of Hitchina's engine-shaft, and force on the 100, east of Homersham's, we consider of greater importance them any other point, looking at the long piece of ore ground driven through in the 88. The 88 end east continue to be a good lode, composed of prian, black, grey, yellow, green, and red oxide of copper ore, worth of the latter 1001, per fathom. No change in the 88, west of Mollard's cross-cut; no lode has been taken down since last reported. There is no change in the 77, west of Northey's winze; the lode is producing 2 tons of good ore per fathom. The lode in the 77, seat of Northey's winze; the lode is producing 2 tons of good ore per fathom. The lode in the 77, seat of Northey's winze; the lode is producing 2 tons of good ore per fathom. The lode in the 77, seat of Northey's winze; the lode is producing 2 tons of good ore per fathom. The lode in the 77, seat of Northey's winze; without of the nine father of the fath of the father of the fath of the father of the fath of the father of the fath

EXMOUTH.—W. Skewis, J. Nicholis, Dec. 14: The lode in the 72 north is 3 ft. wide, worth ½ ton of lead ore per fathom. The south end of same level is for the present isordered. A pitch in back of this level is set at 22, per ton. The 60 and 60 north are or the present suspended, and the men employed to drive a cross-cut east in order to rove if any more iode exists in that direction. The lode in the 40 north is very large, nt unproductive. The 30 stope is worth I ton of blende per fathom. The 10 south & ton of lead ore, per fathom. No other change to notice. We have sampled, to-day 40 tons of lead ore.

stope in the bottom or this level is not so good as ween last reported on, but is still yielding a good mixture of lead ore.

GAWTON.—J. Gill, Dec. 10: In the 50 west the men are still engaged cutting through the lode; we have it 6 ft. wide, and not yet reached the south wail; at present it produces about 1 ton of copper ore per fin., and looks promising for further improvement. In the 36 west the lode during the past week has much improved, now worth from 9t. to 10t. per fin. The lode in Bickie's pitch, in back of the 36, is 6 ft. wide, worth 10t. per fin. No alteration in any other part of the mine to notice.

GONAMENA.—R. Pascoc, W. George, jun., Dec. 14: Sarah's lode, in the 80, has improved since our last, and is now 2 feet wide, composed of mundic, peach, and copper ore, worth of the latter about ½ ton per fin. The stope in the bottom of this level is just as last reported, worth about 3½ tons of ore per fin.; the stope in the back of this level is not looking so well, now worth shout 1 ton per fin. This we do not expect to last much longer, as we are getting near the 70, where the lode was quite unproductive. The lode in the 70 is 1 ft. wide, producing a little saving work. In the 58 east the ground is still unsettled and the lode disordered, but it still produces some very good ore, but not sufficient to set any value on. This is evidently not yet off the influence of the cross-course. The stope in the back of this level is worth full 1½ ton of ore per fin. The lode in the 58 west is 8 in. wide, composed of peach, spar, and spots of copper over. The 90 cross-cut north is being pushed with all speed, and the ground continues very flavourable for driving.

GREAT CARADON.—F. C. Harpur, Dec. 10: It is satisfactory to state that the men

ognines very invoirance for driving.

GREAT CARADON.—F. C. Harpur, Dec. 10: It is satisfactory to state that the men
outinue to make pretty good progress in the sinking of the engine-shaft having sunk
uring the month ending to-day 2 fms. 4 ft. 6 in., making the total depth 25 fms. 3 ft.
he shaft is again taken by nine men, at 17t. per fm., for the present month. The apcarance of the ground continues much as usual.

The shaft is again taken by nine men, at 171, per fm., for the present month. Ine appearance of the ground continues much as usual.

GREAT CRINNIS.—J. Webb, Dec. 14: In about a fortnight we shall complete the new engine-shaft to the 90, where we shall cut shaft-plat, and extend east and west on the lode, and if it continues as passed through in sinking we shall open out much ove ground; we find but little variation in the lode in sinking, being a large, strong, orey iode, worth from 2 to 3 tons per fm. The wince sinking below the 80 is down 5 fms.; we are carrying a part of the lode, which is saving work—not rich. The 80 end east is in good easy ground; but we are not certain if we have the principal part of the lode; we shall cross-cut shortly. The tribute department is without variation.

GREAT HEWAS.—J. Webb, Dec. 14: The 126 is producing a little tin, but we have not reached the main part of the lode as yet; the 116 is yielding some good work. In the 106 the lode is 1½ foot wide, containing good tinistinf, a promising lode. We have not cut the south lode as yet in the 116 cross-cut.—Western Mine: In the 76 we have cut into the south lode, 2½ feet wide, which is of a promising character, and containing good work for tin. Before cutting into the south lode have to deep the weaken a branch dropping into the south lode 1½ foot wide, very good for tin; this dropper will fall into the lode a little below the level; we have commenced to open out ander the lode at 31. per fm. In the 66 we have a lode 2 feet wide, which is of a hour of the lode at 31. per fm. In the 66 we have a lode 2 feet wide, when her a lode a 4 feet he was a feet of the weaken. In the 64 we have a lode 2 feet wide, when her a lode a 4 feet he was a feet of the lode at 31. per fm. In the 66 we have a lode 2 feet wide, when her a lode a 4 feet he was a feet of the lode at 31. per fm. In the 66 we have a lode 2 feet wide. a little) below the level; we have commenced to open out under the lode at 31, per fm. In the 66 we are rising towards the new shaft. In the 46 we have a lode 2 feet wide, good stamps work; we shall commence rising here, also, towards the new shaft, which is sunk 5 fms. below adit; when this shaft is completed; to the 76 we shall sink it be-low, and shall cut abundance of tin ground at a rapid rate. This part of the mine has a

owy cheerful appearance.

GREAT RETALLACK.—W. H. Reypolds, Dec. 10: There is no important change in the mine, except that in the 20, north of the large blende stopes, we find a mass of carbonate or spathase iron, the most valuable of the ores of iron. I have sent a sample to. Massrs. Mitchell and Rickard, who will send you the result on Monday. It does not appear to be much corrupted with other metter, and if of any value we can raise large quantities cheaply. The blende pitches are looking very well indeed.

GREAT SOUTH TOLGUS.—J. Daw, Dec. 14: The lode in the 112, east of Lyle's shaft, is 1 foot wide—unproductive. The lode in the 112 west is split into two parts, the north part is 1 ft. wide, producing stonce of copper ore. In the 100 east we are driving a cross-cut south, as we expect to meet with another part of the lode. The lode in the 30 west is 1 ft. wide, producing a little ore. In the 50 west the lode is 3 ft. wide, producing a little ore. In the 50 west the lode is 3 ft. wide, producing 6 tons of ore per fin.

GREAT WHEAL FORTUNE.—R. Pryor, J. Daniel, Dec. 14: In the 36, cast of

the lode is 1 ft. wide, producing 1 ton of ore per fin.

GREAT WHEAL FORTUNE.—R. Pryor, J. Daniel, Dec. 14: In the 36, east of
Painter's engine-shaft, the lode is 6 ft. wide, worth 801, per fin., with strong indications
of farther improvement. No other important change since our report of last week.

GREAT WHEAL ALFIRED.—M. W. Midhell, Wm. Arthur, Dec. 10: Copper-house
shaft is sunk on the north part of the lode 3 fms. 5 ft. below the 310, which is 3 ft. wide,
principally when-sare. mixed with a little yellow ore. The north part of the lode, in the
310 week, is 4 ft. wide, worth for tin and copper 101. per fathout. The north part of the
lode, in this level east, is 3 ft. wide—poor. The lode in the 200 west is 4 ft. wide,

The south part of the lode, in this level east, has be saving work throughout. The lode in the 190 west by the flookan, but still producing some good yellow ore; the lode of Painter's shaft, is small and poor. No other change to notice.

ent through, which is 6 ft. wise, naving work throughout. The lode in the 180 wast is disordered by the flockan, but still producing access good yellow over; the lode in this level, cast of Fainter's shaft, is small and poor. No other change to notice.

GREAT WHEAL MARTHA.—H. Rickard, Dec. 15: Our operations have been principally confined to the clearing and accuring of the fast it level to the engine-shaft, putting in dividings and casing, fixing sociway, &c., in the same from surface to the adit, which is a depth of 12 fms.; this work being completed. The engine-house is upand covered, the whole of the engine is on the mine, and the engineers are busily engaged in putting it in. We are ready to receive the pitwork, capstan, shears, &c., which, I am given to understand will be on the mine shortly; we then shall commence dropping, so as to be ready in the shaft by the time the engine is ready to start, which will be done with as little delay as possible. The prospects of the mine have already been laid before you, and the opinions of those who well know the property remain unaltered.

GWYDYE PARK CONSOLS.—H. Eawson, Dec. 15: We have driven 9 feet long by the side of the lode in the middle level wost, and have broken fully I ton of lead on three shoots yesterday: the stopes are also gradually improving. In stoping about 7 fathoms further went it will turn out as much ore to a fathom as the middle level. We have cleared 13% fathoms in the shallow addit, and I think in about 5 fathoms shead from the present end (more or less) we shall be in the place where the old men left a good prospect; when we have reached that point the mine will turn out a good profile.

HABWOOD.—J. Race, Dec. 9: The end of the drift east in No. 2 vein is worth 1 ton of lead ore per fim. at present; the stope show is worth 16 covis, of ore per fathom. No other alteration in the mine. We weighed 5 tons 14 cwts, of ore, including duty, on the 8th inst; we should have had more but the weather being stormy of late has prevented us from dressing;

ment for our next parcel. All our machinery and pitwork are in good order.

HERWARD UNITED.—T. Pierce, Dec. 14: I have no particular alteration to report for the last fortnight. The sump in the bottom of the 85 yard level is still rather hard; the forebreast of the level is open, and the appearance of the ground good. I am driving eastward of the middle sump to commanicate with this level; the ground is orey, and I shall soon be through it, if it continues as at present. The western sump I shall connect with the middle one by a driving eastward, so that the 55 yard level will be through from Ward's shaft. The east and west joint at Crosbie's shaft is looking considerably better since last reported upon.

HOLMBUSH.—R. Pryor, T. Woolcock, Dec. 14: We have communicated the winze with the rise in back of the 160, west of diagonal shaft; we shall take down the lode forthwith, and will send you full particulars next week. There is no alteration in any other bargain since last reported.

forthwith, and will send you full particulars next week. There is no alteration in any other bargain since last reported.

HUCKWORTHY BRIDGE.—A. Pryor, Dec. 15: The prospects of this mine have considerably improved of late. The lode at Hitchins's engine-shait, sinking below the 15, is from 4 to 5 feet wide, yielding saving work for dressing, and of a very promising nature for improvement. In the 15, driving west from this shaft, there has been no lode taken down since last report, but I have no doubt we shall have to report a good lode when taken down sext week. The lode in the winze sinking below the adit is not so productive as it has been, but of a very promising appearance for improvement.

KELLY BRAY.—S. James, Dec. 10: The 115 cross-cut has been driven south 47 fms., and the end is still in a hard capel, mixed with branches, containing mundic, quarts, and spots of ore, just the same character as it has been for the last 9 fathoms in driving. No lode taken down in the rise in the 95 west during the past week. The lode in the 70 west is gradually improving, it is 2 feet wide, and will yield 2 tons of ore per fathom, worth 31. per ton. The stopes in the back of the same level are worth 201, per fathom, worth 31. per ton. The stopes in the back of the same level are worth 201, per fathom. The stopes in the back of the same level are worth 201, per fathom it the 55 cast during the past week. The lode in the 45 cast is 2½ ft. wide, and will yield 3 tons of ore per fathom, worth 51. 10s, per ton—a strong, kindly lode. No change in the tribute department to notice. The pitches are producing about the usual quantity of ore. During the past week the men have cut into the lode in the 25 cast, and find it is a large, strong, kindly lode, yielding good stones of ore.—Eastern Mine: The 60 crosscut is progressing satisfactorily. The lode in the 40 cast is 2½ feet wide, composed of quartz, white iron, capel, mundic, and occasional spots of ore; there is also more water oxing from the end, which we consider is a favourabl

cut is progressing satisfactorily. The lode in the 40 cast is 2½ feet wide, composed of quartz, white iron, capel, mundic, and occasional spots of ore; there is also more water occuting from the end, which we consider is a favourable indication.

IADY BERTHA.—F. C. Harpur, Dec. 12: No alteration at Moyle's angine-shaft. The 41 cast is through the cross-course, but the iode is yet disordered, and will be so until we get some few feet off it, producing some good stones of ore. The 41, west of shaft, is still hard and troublesome for driving: we have not cut fint the lode here lately, but intend doing so in a few days. In Rodda's rise, in back of the 30 west, I have nothing particular to remark, as the men are rising to the south of the lode for dispatch; this, when communicated, will lay open some tribute ground. The stopes in back of the 30, west of Gray's winze, continue to look well, producing 6 tons of ore per fathom. The stopes in bottom of the 20, west of said winze, are worth about 2½ tons of ore per fathom. In Dunn's winze, in bottom of the 20 west, no look has been taken down during the past week. The tribute department is much as usual, with the exception of a pitch in back of the 30 west working by four men, which has very much improved since my last report; it is now worth about 3 tons of good quality ore per fathom. We are getting on as fast as we can for the forthcoming sampling.

— J. Metherell, Dec. 15: 7 beg to say that Moyles's engine-shaft is down below the 16m level 10 fms. 2ff., and the ground is much the same as for some time past. Three is no alternation in the 41 west. In the 41 cast we are through the cross-course, and into the lode about 3 feet, which is producing about 1 ton of good quality ore. Gray's stope, cast of the winze, are worth about 2½ tons of ore per fathom. We have taken down the lode in the 20 east, which has produced about 1 ton of good quality ore. Gray's stope, cast of the winze, are worth about 2½ tons of ore per fathom.

LLANDUDNO.—Dec. 5: The 66 yard level, north of

continue to raise the waste ore as before, when the weather is favourable, but have been very much delayed in this respect of late.

LLANFYRNACH.—J. Skimming, Dec. 13: I had on Saturday last a perfect examination of the various workings, and by the help of the new plan and section was able to understand the details of the mine accurately. All the prominent points are now in full operation, and I may say we have the key of the various positions fully in our hands. The mine two months ago was in a wretched state of working, and we have had much dead work to do in order to make proper cutlets for the ores, both at the engine and other shafts. We are now getting into a proper mining position, but have not yet got a fair working end on the two best courses—on Gardiner's and Victoria lodes. Nevertheless, our produce for the two months will be full 40 tons. My confidence in the property has been greatly strengthened during my last visit, and, when the engineering arrangements are complete, I am certain that Llanfyrnach will be a rich, profitable, and lasting mins. The engine-house is up to the level of cylinder bottom; the work done is superb. The details for sinking the engine-shaft (No. 1) are settled with the agent, and the alteration of the pitwork and crection of new drawing-machine shall be put in hand immediately. I look forward to the early part of summer as the time when the mine will take a position, both as to returns and profits, seemed as the last we days the 20, north of Wood shaft, has been holed to the Brynferrod engine-shaft, which we are now busily engaged in covering over, putting in plat sollar, and making other necessary preparations, in order to bring down the whim kibble, to draw staff from this level; this work will be four men, and stope both back and bottom, south of same, by four men. The stope in the back of this level it yielding good dressing work for lead ove. There is no change to speak of in the cross-cut north of Sandoc's shaft; the ground, &c., is much the same as when last reported

to speak of in the elements of some shart; the grount, sec., is much the same as when hast reported on. All other work connected with the mine is going on regularly.

MILL POOL.—Win. Oats, jun., J. Daniel, Dec. 15: Harvey's Lode: In the engine-shaft, sinking under the 42, we have had some very hard floors of spar and capel, which have been very much against us in sinking; at present the ground is easier, and we expect to make greater progress now—down 3½ fins;, the lode is 1 ft. wide, saving work. The lode in the 42 east is 18 in. wide, worth 37, per fm.: in this level west it is 15 in. wide, worth 37, per fm.: in this level west it is 15 in. wide, saving work. We have just got through the silde, and expect an improvement shortly. In the 30, west of footway, the lode is 9 inches wide, good saving work; the ground here is harder than usual. In this level east we have cut the Red lode, which is 6 ft. wide, producing tin, but not enough to value. We have now commenced driving east on the same, and expect it will improve shortly; this has partially drained the water in Black Downs. Harvey's shaft is sunk 6½ fms. under the 30; the lode is upwards of 1 ft. wide, good saving work. We have now commenced sinking James's shaft under the 10; no lode taken down as yet. This shaft, which is 50 fms. west of footway shaft, is intended to be sunk to the 30, for ventilation and discharge of staff. The Red lode in the 20, driving west, is a little improved, the part we are driving on being 3 ft. wide, saving work, with a very kindly appearance. No change to notice in the 20 consecut, or any other tatwork bargain. On Friday last, our setting-day, we set 17 pitches to 32 men, at tributes varying from 6s. 84, to 16s. in 11, the tributer being paid at 507. per ton for tin.

per ton for tin.

MOLLAND.—T. Bennetts, Dec. 14: The sumpmen will finish the fork to-day, and tomorrow they will commence cutting plat. In the 32 east the ground is easy for driving
in by the side of the lode; set to two men 1 fm., at 33, 10s., and when they complete
their bargain the lode will be taken down. The stopes in back of this level are looking
much the same as last week. We are now very busy preparing to send off a parcel of
ore to Barnstaple, estimated 50 toms; besides, we have several tons on the surface and
underground undressed.

NETHER HEARTH.—Wm. Vipond, Dec. 12: There is no change of importance in the mine this week. We have 10 tons of ore ready for delivery, sold to Mesers. Cookson and Co., at 134, 68, 6d, per ton.

NEWTON.—J. Tregoning, Dec. 15: I have suspended sinking the sheft until we make further trial on the branch slaking from the patch; sinking on the branch below the patch it continues its size, just as last reported, composed of spar, clay, and a little from ore; sinking by six men, 2 ms. etent, at 7L per fathom. The lode in the stopes west of the wings is not quite as thick as it has been; it is now about 2½ ft. wide, producing about 5 tous of good manganese per fathom. We are taking down the manganese to the side of the railway, in order that when we receive orders to ship we shall be able to do so without delay.

so without delay.

NEW WHEAL VOR AND EAST WHEAL METAL.—J. Vivian, N. Thomas, Dec. 10:

Wheal Bramble: The lode at Lizzie engine-shaft, sinking below the 30, is 2 ft. wide, preducing a little tin. The lode in the 30, driving east, is from 3 to 4 ft. wide, stamping work. The same level, driving west, is unproductive. The lode in the 20, driving east, is worth 12£, per fathom. The lode in the same level, driving west, is worth 90. per fathom. The lode in the vinnes sinking below this level, east of shaft, is worth 15£, per fn. The lode in the 10, driving east, is producing saving work.—Pickup's Lede: Elizza engigashaft is small 16 fnn. below the salit; the lode in the bottom of the shaft is producing rich stones of tin. The lode in the 10, driving east, is worth 5£, per fathom. We have saspended this level, eart for the present. The stopes in back of this level, east and west of shaft, are worth 7£, per fathom. No alteration in any other part of the mine worth of remark.

NORTH BASSET.—T. Glanville, G. Davey, J. Southey, Dec. 14: In the 102, wes of Lyle's shaft, the lode is 3 ft. wide, composed of spar, prian, and black and gray ore—a very promising lode. In the winze, sinking under the 52, the tin lode is worth 81, per fathom. All other parts of the mine are without alteration. Yesterday our sale of tin ores realised 2131. 18s. 2d.

nations. All other parts of the mine are without alteration. Yesterday our sale of the ores realised 2134. Ibs. 24. Vivian, W. Thomas, Dec. 18: There is no particular alteration in this mine since last report, with the exception of the stope on the back of shallow adit level, east from Vivian's shaft, which is improved, and producing rich work for aliver ore. The engineers are busily employed erecting the engine.

NORTH FRANCES.—J. MoyleyDec. 10: Eales's shaft is sinking under the 84 by six men and three youngsters, at 15t, per fm.; the lode is 3 ft. wide, composed principally of rubbly spar and flookan; the north wail for the last 3 ft. sinking is becoming more regular, and the lode appears to be in a more settled state. The 84 is driving east of Eales's by four men, at 41. per fm.; the lode is 5 ft. wide, composed of hard spar and capels, with sprigs of malieable copper, but not to value. The 36 is driving west of Eales's by four men, at 41. 10s. per fm.; the lode is 5 ft. wide, and is a little disordered by the cross-course, which we are now driving through, and we expect shortly to get through it, when the lode may again take its regular course. In the wines sinking on Wright's lode, in the adit level, by six men, at 13t, per fathom; the lode is 1½ ft. wide, composed of hard spar and killas. Hunt's shaft is sinking from surface by nine men, at 30t, per fathom; we have got through the lode, which appears to have come in from the north, but finding the footwall underlaying north so far, we are inclined to think it is a south lode.—Tribute: We have at in pitch working in the back of the 72, west of Eales's shaft, which was set last Friday, at 12t; in 1t.

NOETH HALLENBEAGLE (8t. Agnes).—J. Craise: This mine is in one of the

south lode.—Tribute: We have a tin pitch working in the back of the 72, west of Eales's shaft, which was set least Friday, at 12s. in 1ℓ.

NORTH HALLENBEAGGE (8t. Agnes).—J. Craise: This mine is in one of the best metalliferous localities, the stratum being a light killas, congenial for capper ore, and in the same layer of ground as the following mines—Wheal Rose, North Bowns, Hallenbeagle, and North Treskerby; the latter it adjoins, contiguous to which are the Wheal Chaose and Treskerby Mines, and in a district parallel south are the St. Day Unitad, Consols, and the United Mines; to the north, in the same parallel, are Wheal Music, South Towan, Tywarchaile, and Wheal Charlotte, everyone of which have from time to time made enormous profits. There are several lodes in North Hallenbeagle, which extends from east to west for more than half a mile, which is the bearing of the lodes, and above a quarter of a mile from north to south; at present there are three well-defined lodes partially wrought on—the south copper lode, the north copper lode, and a shaft sunk 15 fathoms from surface; it is shaft was sunk by the means of shorse-engine, and from this shallow depth many hundred tons of copper ore were raised, the surface of the sund of the production of the production of the sund of the

NORTH LAXEY.—H. Rowe, Dec. 12: For the last week we have been mainly occupied in clearing the mine of stuff, in addition to cutting ground for penthouse, before we can get fairly under-way for sinking the engine-shaft below the 27. I find to-day, in order to make a complete job of the pumping and drawing paris below, we must take away a piece of ground at the shaft just above the 27, where the lode varied in its unstraint; will take a fortnight. The lode in the 27 end, driving south, has not quite so much lead in it as last reported; it is now a little over 2 ft. wide, all saving work.

so much lead in it as last reported; it is now a little over 2 ft. wide, all saving work.

NORTH LEVANT.—R. James, J. Bennetts, Dec. 14: The lode in the 10, west of the engine-shaft, produces a little tin. The stopes in the back are worth 20t. per fathom. The deep adit level, east of the engine-shaft, is poor at present. The deep adit level, west of Borlase's shaft, produces good tinsteff. The lode in the winze in the bottom of this level is worth 12t, per fathom. No. 1 stope in the back is worth 10t, per fathom? No. 2, 10t; and No. 3, 8t, per fathom. No. 1 stope in the back is worth 10t, per fathom? No. 2, 10t; and No. 3, 8t, per fathom. A Borlase's shaft, which has been resumed sinking under the deep adit level, no lode has been yet taken down. The lode in the deep adit, east of Borlase's shaft, is worth 16t. per fathom, and the stopes in the back of the same are of similar value.

are of similar value.

NORTH MINERA.—W. T. Harris, Dec. 15: I have no change of importance to report. The cutting down of Pugh's shaft is not yet completed, but I hope to be able to resume sinking the beginning of next week. Pagh's flat is worth for 9 fl. long about I ton of lead per fin. This failing of I consider only temporary, as there are fine branches of lead gone down in the sink from footway shaft, and a little advance of our present stope. The clearing of the old level progresses without any material change. The tributers are working in Lloyd's flat, and produce about 12 cwts. of lead per fin. Thomas's level is without any change to note. Our dressing is all but suspended in consequence of the severity af the weather. We are preparing for covering the carpenters' shop and sawpit.

peniers' shop and sawpit.

PENHALDARVA.—T. Hodge, Dec. 10: The lode at the engine-shaft is showing a little better appearance, being now 18 in. wide, producing a little lead to save. In the 40, south of the engine-shaft, and east on the east and west lode, the lode is 15 in. wide, composed principally of killas, with mundic and jack intermixed. The parcel of lead is computed to be 7 tons.

40, south of the engine-start, and east on the was an intermixed. The parcel of lead is computed to be 7 tons.

NORTH WHEAL ROBERT.—W. Godden, Dec. 13: The driving of the 62 end, west of Murchison's shaft, has been continued on the north part of the lode for a long distance, and we have the south part standing. We have shot a hole in the south part, which has turned out splended rocks of ore, and there is a good lode standing, which will be taken down the latter part of this week; this is a good improvement.

— J. Richards, Dec. 15: Murchison's Engine-shaft: I beg to inform you that in the 63 fm, level west, on the north part of the lode, the lode is improving, being composed of quartz, mundic, prian, and ore, saving work; the south portion of the lode has also been cut list for a short distance, and is found to yield very fine stones of ore; it will be further proved by the end of the week, and, from all appearances, it will turn out to be a good bunch of ore. In the 30 west, and west of Edwards's cross-cut, on No. 1 south lode, the lode is 1½ ft. wide, yielding good stones of ore occasionally. On Satraday maxt Edwards's cross-cut will be resumed for intersection of No. 2 south lode.

—Trial Shaft: In the 62 west the north part of the lode for the width, carrying (4 ft.) is composed of capels, and some saving work for copper ore, and promises improvement.

—Trial Shaft: In the 62 west the north part of the lode for the width, carrying (4 ft.) is composed of capels, mundic, and a little ore occasionally. In the 52 cross-cut south as me good branches of ore are being met with, and these indications bespeak a good course of ore or reaching the lode. In Gorman's witne, standay below the 52 west, which is down between 9 and 10 fms., the lode is worth 5 tons of ore per fine.

**ROBETH WHEAL TRELAWNY.—H. Hodge, Dec. 15: Mayor's shaftmen are engaged.

Detween v and 19 mms, the lode is worth 3 tous of ore per fm.

**MORTH WHEAL TRELAWNY.—H. Hodge, Dec. 15: Mayor's shaftmen are engaged sinking the shaft and cutting tip-plat under the 64. The lode in the 54 south is I foot wide, and will produce about 3 cwts. of lead ore per fathom. The stopes throughout the mine are producing much as usual.

OAKAMOOR AND STANTON.—R. Niness, Dec. 15: There is every reason to be lieve that we have cut the ironstone in the end at the Tunnel shaft, at a distance of 21 yards from the shaft, but as we are not quite clear of the fault it is not of that solid hard nature which we may expect it to be by a little further driving. At Thor's Wood we are still clearing up the shaft as fast as possible.

OLD TOLGUS UNITED. ... Repossible.

OLD TOLGUS UNITED.—G. Reynolds, Dec. 12: All the departs his mine are much the same in appearance as when last reported on.

this mine are much the same in appearance as when last reported on.

PELYN WOOD.—G. Henwood: In accordance with the direction of the committe I visited this mine, and inspected the surface and underground operations execute since my last visit. I found the new 50-feet by 6-feet water-wheel working in the mo astisfactory manner, and built most austantically in every respect; in fact, a more perfect specimen is not to be found. The crushing mechinery is on the ground ready for crection, the foundation for the house in which it is to be erected aiready dug out, an stone for building it raised; an excellent sount-house finished, in an eligible situation capital smitch' shop, with two anvils and forges complete; carpenters' shop and saw house, store-rooms, and dressing-sheds, all complete, and in use; the roads from this has to be sufficiently and from the very rich quality of the one, it was found necessary to have entirely boarded, strakes, hutches, with launders and catch-pits, lauding-places, and tram from whim, executed in an excellent manner: horse-winn, with poscet-heads. liaid down, and from the very rich quality of the ore, it was found necessary to have it entirely boarded, strakes, hutches, with landers and catch-jets, landing-places, and tram from whim, executed in an excellent manner; horse-whim, with poppel-heads, in working order, in fact, continually going; a culvert over the river of waste water in course of formation; the supports of landers to wheel, &c., braced and strengthened; bucking-house and mills finished and farnished. The sump-house has a good fireplace and drying apparatus for the comfort of the men; a culvert from water-wheel 50 fms. long made, and a large piece of ground for the lower dressing-floors levelled; this is absolutely necessary, the large accumulations on the upper leading to considerable inconvenience—in abort, the whole of the surface works called forth most descreedly my entire approbation. I annex a list of stores on hand, from which it will be steen but small additions will be requisite for some time to come—Stock on mine: 7 tons new iron, assorted sizes; 1 ton of scrap iron; 13 owts, of steel; 2 sets of smiths' tools, complete in all respects; 2 shalf and 2 quarter hundred iron weights; sundry small weights, scalebeam, and stand; miners' tools for fifty miners; screw stock, taps, and dies complete; set of trobie, double, and single blocks, equal to raise 10 tons; iron work ready for a baiance-bool; 10 useful spare shelves; iron-work for new capstan complete. 200 fect of Norway timber, and pieces of oak for capstan and whim axies; a new 16-inch capstanrope, 120 fathoms long; 200 fathoms of tackle and other useful rope; 1 new ½-inch capstanrope, 120 fathoms of line and the standard of the steel of plate fore it air-machine, 1 grindstone, 100 fathoms long; riddles for crusher: 16 sheets of plate fore in a dark whim chain, 60 fathoms long; riddles for crusher: 16 sheets of plate fore in a dark which is pare 8-in. Iff. of pumps, complete for 12 fms.; 1 roil of engine shag, 9 new selves, 6 gallons of best off, 10 gailons of linsed oil, 3 & cask

your captain, forwarded from time to time, and fully justifying his estimates of the value of the orea underent from surface to adit, and from adit to the 10 fm. level. At present the lode in the adit is not quite so good as it has been, but is still a very fine lode, with evidences of again opening out. The I)e and is a splendid lode induced, about 3 feet wide, and extremely rich for copper, nickel, and cobalt; I think it is near an east and west lode. The shaft is sunk 8 fms. below the 10, in good ground, the lode improving; no expectations were ever formed of raising much in this work, as the shaft has been senk in disturbed ground from the commencement. The lode in the 10 has gone down of so decided a character, and of so rich a quality, that it has been determined to sink a 12 fm. lift before cirving under the shoots of or; this is a very wise step; when this shall have been done, many thousands of pounds worth of ore will be procurable at a trifling cost, and the Palyn Wood will be a great prize. To detail more would be a more repetition of the captain's reports, and would be tedious. When examining the mine I was accompanied by an eminent captain, who, like all others who have done so, expressed his surprise and admiration at all he saw, and stated that, had he not seen it, he could scarcely have believed as much work could have been done in so short a time, or so well, or that the mine could have produced so large a quantity of rich ore. The particulars of the 110 tons I forwarded to you in a previous letter. I think at that time I did not mention that Mr. Williams, when sampling, ordered all the akimpings and waste to be saved, as they were very valuable; he did so, and his advice has been acted on. I should have forwarded you this before, but a severe illness has prevented my doing so. I purpose visiting the mine again shortly; at present I can only congratulate you on the state and prespects of Palyn Wood, as unrivailed for the time it has been at work.

I somider we have 10,0004 worth of ground for

PENIDEEN CONNOLS.—Wm. Eddy, Dec. 19: In the 10st, driven; 2 fins. north and show of gray one. In the 94 the ground is good for driving, and lost looking very well in the stope of consulting belind the sea. In the 92 month the locks is 28 miles, yielding the stope and Iribites pitches are looking much the same as they have been for same 14 maps.

PENIDEENA.—B. Hildenan, Dac. 19: In fewer that you put its super, of the minimum of the part of the pa

In pamping-eagings are air working well, and the prospects throughout the time are looking favourable.

STRAY PARK.—Charles Thomas and Son, R. Pryor, E. Rogers, Dec. 13: Nearly two months having elapsed since the account meeting, we have thought it desirable to acquaint the shareholders with the present state of the mins.—Main Lode: We have cut a plat in the 189, and commenced sinking the engine-shat under that level; in cutting the plat some very rich stones of tin have been met with. The shaft sinking on the south part of the lode is worth for 6 feet long 28t. per fin; by driving a cross-cut near the shaft we find the lode to be upwards of 20 ft. in width. The last 14 feet north of the shaft contains a small quantity of tin. The winze under the 170, west of engine-shaft, is worth for tin and copper 20t. per fathom.—New South Lode: The 160 is driven 9 fms. west of the cross-cut; the lode in the end is worth for copper 12t, per fathom. A winze has just been holde on the cross-cuture from the 150 to the 160, and we shall now commence to stope the back of the 160, in a lode worth 30t, per fm. The 150, west of cross-course, is worth 8t, per fathom. The ends in the 160, cast and west of the eastern cross-cut, are each worth 8t. per fm. We would romark, that the new south lode in the 140, in Doiccath Mine, 2 fms. from Stray Park boundary, is worth 28t. per fathom; and in the 190, 14 fms. from Stray Park boundary, is worth 28t. per fathom; and in the 190, 14 fms. from Stray Park boundary, and the engine-house is in course of erection; we expect the stamps will be ready to work about the beginning of May next.

TAMAR SHLYER-LEAD.—T. Foot, Dec. 18: We are making fair progress in sinking.

TAMAR SILVER-LEAD.—T. Foot, Dec. 13: We are making fair progress in sinking the engine-shaft. Since last report we have taken down the lode in the 226 south, and which yielded for the first 6 ft. 45 cwts., it then declined to 40 cwts., and is still of the same value. The lode in the 215 south, which has been partly taken down, is 3½ ft. wide, and worth 10 cwts. of lead per fin. In the 205 south the lode is 3 feet wide, and will produce 9 cwts. of lead per fin., and in favourable ground. The stopes throughout the mine are much the same as last reported. We shall sample on Saturday next 60 tons of lead ore.

issua quantity; I mean the sampling and how, and the price reduced from 121. to 101. per fm.; there is now a little water coming out of the end, and we cannot be far from the lode.

WEST SHARP TOR.—Wm. Richards, Dec. 10: The sinking-lift at Morris's shaft having become long and troublesome, the sumpmen have been engaged fixing the same in a cistern, and making other necessary alterations since my last report. There is a little rich or found now and then in the part of the lode carried in the 125 cast, but not enough to value. There is no change in the other points since my last advice. One of the plates in the bolier of the withmengine burst on Tuesday last, but without doing any injury; we are now having it carefully examined and repaired.

any injury; we are now having it carefully examined and repaired.

WEST SNAILBEACH.—J. Richards, Dec. 15: The men have cut a large stream of
water in the 53 driving south; I believe from the appearances of the end, and the charracter of the ground, that the lode is close at hand. I shall be able to inform you more
of this in a day or two. No alteration in any other part of the mine, since last report,
any more than the frost has prevented us from washing the barytes.

WEST TOLVADDEN.—J. Thomas, Dec. 15: The lode in the 90 end is the same in
value as last reported, but letting out more water. We have taken down the lode, which
has produced a splendid pile of copper cry: it presents stronger indications of continuance
of copper ore than before. All other parts are as last reported.

WEST TREVELLAN.—I. D. Others, Dec. 10. Cater engine shoftmen are now en-

has produced a spindid pile of copper gre; it presents stronger indications of continuance of copper or than before. All other parts are as last reported.

WEST TREVELYAN.—I, D. Osborn, Dec. 10: Cater's engine-shaftmen are now engaged enting plat, putting in timber, &c., at the 38, preparatory to sinking. The 38 fm. level men, driving east, have this week been engaged in entiting through the lode, and are in it 8 feet, but not yet got through it; as far as we have seen it is composed of quartz, iron, malicable copper, and spotted with ore, but not to value. In the 38, driving west, the lode is cut through; is feet on the north is a good oray lode, worth from 15t, to 20t, per fm., with a quantity of water issuing from it, which gives us to think we shall nest with a still further improvement. The 28, driving west from No. 2 wirms to the present end is 8 fms.; the end at present is worth 20t, per fathom. The stopes in the back of the above level, west of Cater's, are worthrom 25t, to 30t, per fm. We find the lode in the 20 west split, and have put the men to drive north to prove the part gone off; the south part being poor. In the stopes in the back of the 20 there has been no lode taken down since our report on Tuesday last. We are busily engaged in laying out our dressing-floors, and in crecting proper dressing-houses, but the wet weather has greatly impeded our progress.

— Telegram: Dec. 14: The lode is cut through in the 20 and west, which is 2 feet wide, worth 20t, per fm. Other places are looking well.

WEST WHEAL JANE.—J. Tonkin, J. Smith, Dec. 10: We have completed our sale of tinstuff for the two months, and found the amount to be 46d. We have also sold this week about 55 tons of mundic. The amount of our returns for the three mentals will be nearly as estimated in our general report. There is no change to report in our ends or

pitches since our last. Our sumposes have been prevented from working the 10° crosscite breaking is now regative, and then must by means of the basines—bit breaking; but
can down from the 50; as soon as this is done we shall commence sinking Tippett's shall
can the course of the locks.

It is not to be the lock of the control of the lock of the lock

about I ton of ore per fathom. The tote in Shill Hills adit, although small, is again more regular, and producing good spots of ore. The pitches are yielding fair quantities of ore. All the works are going on very satisfactority, and the machinery throughout is in good working order.

WHEAL POILARD.—J. Nance, Dec. 15: The sinking of the engine-shaft is going on just at the same rate as usual—about 9 feet per month; we have not done anything farther on the lode situated to the north of the said shaft since last report. There is no change in the character of the lode in the 45 end, driving west, worth notice.

WHEAL SIDNEY.—W. Edwards, Dec. 15: The north engine-shaft is down 48½ fms., and progressing favourably. In the 46 end, west of diagonal shaft, the lode is now 4½ feet wide, a great portion of which is giving very rich work for tin, the remainder being saving work; this tode, in the last 12 feet driving, has gradually and greatly improved, with every probability of continuing to do so. In the 40 end east the lode is 18 in. wide, poor, but of a kindly appearance. The lode in the 36 west is 18 in. wide, carrying a leader, 3 in. wide, of very rich tin, the remainder being good stamping work; this end has also improved since last report, and the ground become much easier for driving, as 2½. 2s. per fm. Other parts of the mine without any change of importance.

WHEAL SURFRISE (Whitchurch).—H. Hill, Dec. 15: We have cleared the lobby up to the wheel-pit, which is about 100 fathoms; this has let down the water from the eastern adit, and in clearing the same we find good stones of gossan and lead ore. We have commenced driving south on the north and south lead lode.

WHEAL TRELAWNY.—W. Bryant, W. Jenkin, T. Grenfell, Dec. 15: North Mine: Smith's shaftmen are engaged in cutting ground for clatern. The lode in the 152, north of Smith's shaft, is 2½, the lode in which is 2 ft. wide, worth 3½, per fm. . In the 162 north it is 2 ft. wide, worth 5½, per fm. . In the 142 north it is 2 ft. wide, worth 5½, per fm. . In the 1

and orey throughout—improving as we slink. The other points are as last reported.

WHITFORD.—Wm. Sandoc, Dec. 14: Our bottom level in the engine-shaft, on thecourse of the north and south lode, is still driving south, and atthough since our first,
cutting the east and west lode we have driven south into it.3 or 4 fms., and have broken
some good stones of lead ore, yet we have not reached to what satisfies me to be the foot
or south wall of the east and west lode; undoubtedly the lode at this junction is somewhat disordered and split up in parts, but certainly a very short time, even perhaps
three or four days, will enable us to paye the fall whith of it, this twould purpose to do
to make sure of having the roast productive part of its previous to our commencing to
drive west on its course. The end going west from new shaft is much the same as when
last reported, yielding odcasional stones of lead ore.

feeded west towards the lade 2 fms. 3 ft. The lode in the 84 north is 3 ft. wide, producing 7 cwts. of lead per fm.; in the same level south it is 35g ft. wide, producing 8 cwts. of lead per fm. In the winze sinking under this level north it is 3 feet wide, producing 6 cwts. of lead per fm. In the 7s north it is 25 ft. wide, producing 4 cwts. of lead per fm.; in the same level south it is 2 ft. wide, producing 2 cwts. of lead per fm. In the 64 north it is 3 feet wide, producing 8 cwts. of lead per fm. In the 5t north it is 2 ft. wide, producing 4 cwts. of lead per fm. In the 5t north it is 3 ft. wide, producing 4 cwts. of lead per fm. In the 5t north it is 3 ft. wide, producing 4 cwts. of lead per fm. In the 5t north it is 3 ft. wide, producing 4 cwts. of lead per fm. In the 5t north it is 3 ft. wide, producing 4 cwts. of lead per fm. In the 5t north it is 3 ft. wide, producing 4 cwts. of lead per fm. In the 5t north it is 3 ft. wide, producing 4 cwts. of lead per fm. In the 5t north it is 3 ft.

MINING DISTRICTS OF SOUTH DEVON .- No. IX.

MINING DISTRICTS OF SOUTH DEVON.—No. IX.

WHEAL JULLAN, in the parish of Shaugh Prior, on the lands of Mr. Rich.

A. A. Julian, of Loira House, near Plymouth, adjoins Wheal Sidney on the north. The old workings on the back of the lode (which is parallel to the Sidney lodes) form the boundary between the lands of Mr. Julian and Mr. Strode; but as the lode underlies north, it soon passes entirely into the rights of the first-named lord. The workings on this sets are now suspended, but the small engine used in the last working, a 22-in. rotary, is still on the mine. This concern was last taken up by a party, of whom Capt. Richard Williams (late of North Tavy Mine) and Mr. Henry Wills (of Plymouth) were the leading parties. Their workings were only riffling, and afforded no adequate trial to the ground, which is well working were only riffling, and afforded no adequate trial to the ground, which is well working of the strength of the sets with the some fields of Mr. Strode, which camen to the sets, which is hampered by an entire want of water even for dressing purposes, besides being awk-wardly mixed up with some fields of Mr. Strode, which camen to bad by any Julian party. Bedies these inevitable difficulties, Mr. Julian has the reputation of not being a very liberal lord to mining people; institute, in fact, upon exorbitant terms and consecutions, which no respectable parties will agree to. The present shandonment of the sets will, it is to be hoped, show this gentleman how unwise such a course is, even to his own interest, and induce him to adopt the usual terms of the county; in which case, with the present prospects of Sidney, this settought, and no doubt will be, re-worked in a vigorous and miner-like manner.

BOTTLE HILL MINE lies about a mile south-east from Sidney, extending

re-worked in a vigorous and miner-like manner.

BOTTLE HILL MINE lies about a mile south-east from Sidney, extending from the opposite brow of the Tory Valley enatward along the declivity of another shallower valley, through which a stream flows, called the Drake-land Stream. This stream, which drains Crownhill Down, and separates the high ground of Bottle Hill from that of Hemerdon Ball, falls into the Tory, near Newnham Fark lodge gates. The old adits of the ancient workings are taken in from the Drakeland Valley, and their deepest points only come in 22 fms. below surface; the modernadit is brought up from the Tory Valley, and comes in at a depth of 68 fathows. These relative depths (which are both on the fodes) will give the best idea of the comparative depression of the two valleys. The castern workings of this mine are about 1/2 mile of the Crownhill Down grantite boss.

of Bottle Hill from that of Hemesthen Rall, fails into the Tory, mair Newsham Park today, gates. The old altis of the ancient workings are taken in from the Drakeland Valley, and bair despet points only come in 27 fails, show ment as the mine of the property of the prop

70 the lode was only cut into. In these levels the lode was large and not unpromising; but it fall very far short in productiveness from the expectations that had been held on, and the mine was, consequently, abandoned. This same party also drove a cross-cut south from the 50 to the bucking-house lode, and from this point drove west to come under the promising points I have referred to on this lode at the bottom of the old engine and whim shafts. This was without result; but the general opinion is that the drivings were not continued far enough west to come under the shoots of ore in that lode, which are dipping rapidly west, apparently following its junction with the main lode. According to the opinion of the old miners of the district,—and which certainly seems to be borne out by subsequent results,—two essential points were neglected by this party:—First, the exploration of the two parallel lodes in have referred to; and second, the taking away of the old backs on the main lode by tribute. The latter is a very important point in Bottle Hill, considering the nature of the lode,—its large size, and the low produce of its tinstuff,—and the value of the when it was in its prime, which was scarcely half its present price. From such considerations, it must be at once evident that very large portions of the lode, which it would not have paid to take away in former workings, could now be removed at a fair profit. And such is, in fact, the case; for there are probably thousands of fathoms of such ground in the old mine—a not unreasonable estimate, when we remember that there are 3000 fms. of ievels on the main lode alone. Too much disportance was given to the bottom of the mine, which proving poor the concern was knocked. The present workings by Mr. Croker are entirely above the deep adit, there being no pumping-power on the mine, and are directed to two points. The first is taking away the old backs upon tribute, in which he has been highly successful, realisting a very handsome profit, although the best points of t

rsut the parallel lodes are even still more important. Af surfabe, both Roberta's and the new south lode are splendid lodes. A cross-out has recently been driven south from Strode's shall 16 shikoms deep to this lode, and a very fair course of tin laid open, now working on tribute. The old workings on the new south lode, above the old shallow working on tribute. The old workings on the new south lode, above the old shallow stit, have also been cleaned out, and although the leader part of the lode has been taken away by the ancienis, the tributers are raising cossiderable quantities of tin, and earning good waspes. This lode does not underlie much, ouly shout 1½ 6, per fathom. The cross-out at the 24, already referred to as friven 70 fathoms to out this lode, must do so within 10 fans. further driving.

The prospect of opening out a new mine on one of these three points—the western part of the main lode, or the morth and south parallel lodes—seems almost certain. And when we consider that the deep sait gives on these lodes backs varying from 55 fans. to 70 fans. of whole ground, the value of such a prospect is at once evident. I have seen no this lode in Devon superior to the north and south parallel lodes; and scarcely one qual to the laster.

of the main isse, or the seven of such a prospect is at once evident. I have seen no thin lost on the seen and the seen an

ASHBURTON DISTRICT.

ASHBURTON DISTRICT.

The prospects of mining in this district have recently improved. The discovery at WHEAL ENIAS is in a cross-cut north, about 12 fms. back from the extreme western end of the 34 fm. level. This level west, during the whole of its driving, many fathoms back from the end, was der-a poor, with no lode, even except wild strings of quartz. The fact of such a lode as that at Wheal Emma failing suddenly in this manner was rathoralarming, not merely in itself, but as an unfavourable indication as to the character of the lode. From near the forebreast of this level a cross-cut north was commenced some time since, but only driven 2 fms.; recently, 11 fms, further east, the present cross-cut was commenced, and in 5½ fms. driving cut into the main part of the lode, which had been missed in the level. The lode at this point is not absolutely rich, but if produces good work for copper, and is, besides, of a fine promising character. It has been opened on a few fathoms east, but now the men are set to drive west. From the dialling of this lode it is now clear that the first cross-cut, near the forebreast, was driven to within 19 ft, of the lode. Indeed, it is quite unaccountable why this was not continued at the time, for there is an evident change even in the present end of the cross-cut, in which there are stones of ore, and a fine stream of water, indicating the proximity of the lode. At present the end is all covered with copper greens deposited from this water.

At Asimurron Unriver, the tin lode in the bottom level west still continues as good as before. Some extremely rich siones are broken from the leader part, some of them one-half, and even throe-fourths, black tin.

The works at the Artas Miras, of the South Devon Iron Company, are progressing as usual. A fine new run of iron has been opened out on the higher part of the estate, and considerable quantities are now being raised weekly. With this recommencement of production, the question of carriage is again arising, and it is even said that the

THE COAL TRADE.

In the London Coal Market during the week a fair amount of busines as been done, but prices have not materially varied, as the downward tendency which seemed inclined to show itself, owing to larger arrivals than expected, was fully compensated by the change in the weather. On Monday a steady trade was done at previous rates, I only of the 13 ships at market remaining on hand at the end of the day. Wednesday likewise passed over without any change in price, although 83 ships were at market. Of these 47 were sold, 25 went to supply gas contracts, and 11 remained unsold. Yesterday there was a moderate business transacted, the quotations at the close of the market being—Best house, 19s. 6d. to 20s. 3d.; seconds, 18s. to 19s.; Hartley's, 13s. to 14s. 6d.; and manufacturers', 12s. 6d. to 13s. 6d.

The Scotch colliers appear to have been much engaged lately, and seem inclined to attempt to make the new Colliery Inspection Act an instrument for widening the breach between the masters and men, as they propose to petition to have a clause introduced which shall ensure them better inspection and short time. At the Carron Company's Collieries the men have been incessant in their demand for a rise, which, however, was refused; and not only so, but an endeavour has been made by the employers to convince the men that it is merely a ruse—that the rise has not been given in other collieries. tendency which seemed inclined to show itself, owing to larger arrivals

to convince the men that it is merely a ruse—that the rise has not been given in other collieries.

An important case has been heard in the Queen's Bench this week, Mr. Stevenson Clarke, of the Coal Exchange, being the plaintiff, and the Midland Railway Company the defendants. In the autumn of 1857, Mr. Clarke bought a large quantity of coals from the West Staveley Colliery Company, advancing by way of payment on the coals upwards of 2200l. From time to time various quantities of coal were forwarded to London over the defendants' railway, the colliery company's habit being to use the defendants' wagons, but to mark them with Mr. Clarke's name, and forward him invoices regularly drawn up. But the Staveley Colliery Company had previously entered into an agreement with the Midland Railway Company, whereby the Staveley Company were to convey their coals on monthly credit, on condition of having a general lien for any balance due to them on all the coals of the company transmitted along the line. In March 353 tons of coals were forwarded to Mr. Clarke, but as the colliery company were in difficulties, and largely indebted to the railway company, the latter detained the coals, which were, in fact, the plaintiff's property—hence the present action. The question was, whether such a lien ought to prevail against the right of a consignee who had actually paid in advance for the goods consigned to him. The Lord Chief Justice directed a verdict to be entered for defendants, giving the plaintiff leave to move to enter it for him for 3084, 19s., the value of the coals. given in other collieries.

The Progress of Mining in 1859: Being the Sixteenth Annual Review, by Mr. J. Y. Watson, F.G.S.—This Review will be published in the Mining Journal at the end of the year, and pursers and secretaries of mines are particularly requested to forward to Mr. Watson statistical returns, showing the ores sold, money realised, dividends paid, and general progress of mines since Jan. 1. Also, a short statement, showing the principal points of interest in future operations. The attention paid to mining pursuits by the general public has so greatly increased of late, and the desire to obtain correct information is so apparent, that it is Mr. Watson's wish to render the present work more copious in its details than any former Review, and to make it a complete and correct guide to the investor.—St Michael's-alley, Cornhill, Nov. 16.

St. Aubyn Mineral Company.—Under this title will be found in our advertising columns the prospectas of a company formed to work an old but well-known rich mine in the west of Cornwall; near Marazion, hitherto known as Penberthy Crofts. This district has been celebrated from the earliest days of Cornish enterprise for the enormous quantity of tin and copper ores returned from it, which is clearly shown on reference to the admirably drawn map accompanying the prospectus of the company. The property is surrounded by about half-a-dozen mines, which have returned altogether 1,215,2737. The direction, which is very numerous, is composed of gentlemen of the highest respectability, both in London and Cornigon. altogether 1,215,2737. The direction, which is very numerous, is composed of gentlemen of the highest respectability, both in London and Cornwall, and who are thoroughly versed in mining. Attached to the prospectus are the reports of some of the best mining authorities in the county, including Captain Charles Thomas, of Dolcoath; Captain James Pope, of Wheal Basset, besides others, on whose judgment the utmost reliance can be placed. Unlike most of the mines which have lately been brought before the public, in which the promoters ask for about half the cash subscribed, the amount here is only 25001, and 9000 shares; and, from private information, we are in a position to state that no part of either the scribed, the amount here is only 2500L, and 9000 shares; and, from private information, we are in a position to state that no part of either the money or shares will be parted with by the company until such time as both directors and shareholders are satisfied that their mine will not only pay expenses, but dividends. We have often called the attention of our readers to the folly of investing their money in mines which exist often in supposition only, thousands of miles distant from home, and advocated, at the same time, the many valuable properties lying idle in our own rich metalliferous districts, and we are glad to see our remarks have not been without their fruits. We recommend the investment to the notice of our readers.

THE TIN STANDARD .- The stocks of tin are low, and the den The HIN STANDARD.—The SICKE OF the Are low, and the demand whist, and, although no advance in the standard is yet announced, a rise may be expected. The present standard is for common, 1961. 10s.; best, 1221, 10s. We gratulate the tim miner that the andden fluctuations of the tin standard, which for y was a great obstacle to tin mining, are becoming less frequent; and if the smelters keep the price steady, as they have done for the last 12 months, they will confer a benefit on the miners of Cornwall and Devon. The advantagers in tin mines are beginning to receive moderate, presenting for the capital invested, but which the price of tin for several year-prevented them from obtaining.—West Briton.

The Mining Market; Prices of Metals, Ores, &c.

METAL MARKET-LONDOW, December 16, 1859.

| COPPER. JE B. U. | MASS. FUL. 10. |
|---|--|
| Copper wirep. lb. 0 1 2 -0 1 21/4 | Sheets |
| ditto tubes n 0 1 2% | Wire 11d |
| Sheathing & boits , 0 1 0% | Tubes |
| Bottoms 0 1 0 - 0 1 1 | POREIGN STEEL. Per Ton. |
| Old (Exchange) , 0 0 11 | Swedish, in kegs (rolled) 17 10 0 |
| Best selectedp. ton 115 0 0- | (hammered). 19 0 0-19 10 0 |
| Tough cake 112 0 0 | Ditto, in faggets 21 0 0- |
| Tile | English, Spring 18 0 0-23 0 0 |
| Burra Burra " 113 0 0 | Bessemer's Engineers Tool 44 0 0- |
| IRON. Per Ton. | Spindie 30 0 0- |
| Bars, Weish, in London . 6 15 0-7 0 0 | QUICESTLYES 7 0 0 p. bottle |
| Ditto, to arrive 6 10 0- | descriptions , a a b pottie |
| Nail rods 7 7 6- 7 10 0 | SPELTER. Per Ton. |
| " Stafford, in London 7 15 0- 9 0 0 | Foreign 21 10 0 |
| Bars ditte 8 5 0-9 10 0 | To arrive 21 17 6-22 0 0 |
| | The state of the s |
| | ZINC. |
| | In sheets 27 0 0-28 0 0 |
| | TIN. |
| Refined metal, ditto 4 10 0- 5 5 0 | English, blocks138 0 0 |
| Bars, common, ditto 5 12 6- 5 15 0 | Ditto, Bars (in barrels) 139 0 0 |
| Ditto, merchant, in Tees 5 15 0- | Ditto, Refined |
| Ditto, railway, in Wales 5 15 0-6 0 0 | Banca140 0 0-142 0 0 |
| Ditto, Swed. in London. 11 15 0-16 0 0 | Straits |
| To arrive 12 5 0 | The state of the s |
| Pig, No. 1, in Clyde 2 17 0- 2 18 0 | TIN-PLATES. |
| Ditto, f.o. b. in Tees 2 10 0- 2 11 0 | IC Charcoal, 1st qua. p. bx. 1 11 6- 1 13 6 |
| Ditto, forge, f.o.b. in Tees 2 8 6-2 10 0 | IX Ditto 1st quality , 1 17 6- 1 19 6 |
| Staffordshire Forge Pig. 3 10 0- 3 12 6 | IC Ditto 2d quality , 1 9 6- 1 11 0 |
| Welsh Forge Pig | IX Ditto 2d quality . 1 15 6- 1 17 0 |
| LEAD. | IC Coke , 1 60 |
| English Pig 21 5 0-23 5 0 | IX Ditto , 1 12 0 |
| | Canada piatesp. ton 13 0 0-13 10 0 |
| | In London : 20s, less at the works, |
| | Yellow Metal Sheathing p. lb. 101/6d. |
| Ditto white 30 0 0-31 0 0 | |
| Ditto patent shot 25 0 0-25 10 0 | Indian Charcoal Pigs } 6 10 0 |
| Spanish 21 0 0 | in London |
| • At the works, Is. t | o Is. 6d. per box less. |

REMARKS,-The tendency of metals generally appears to increase towards further advances. Business lately has been transacted on a large ale, and may probably place our market in a much better position.

wards further advances. Business lately has been transacted on a large scale, and may probably place our market in a much better position.

COPPER.—A fair enquiry exists both for consumption and shipment, and the market remains very firm at fixed rates. About 3000 tons of Chilian slab has been sold to the smelters; as this large stock has been hanging over the market some time, it has, doubtless, been the meaned keeping prices from rising with any rapidity, but now that it is bought up higher rates may shortly be demanded.

IRON.—Prices continue steady; the demand moderate. Shipping orders are limited, principally on account of outward freights ruling high. Scotch pigs have further advanced, and considerable sales are reported at rising prices—58s. mixed numbers, g.m.b. £0.b. in the Clyde. Swedish bars are dull; sellers quote 11½. 15s. to 12½.

LEAD.—No change has taken place, and prices are steady; buyers of Spanish at 20½. 15s.; sellers, 21½. Red lead, 23½. 10s. to 24½; sheets, 22½. 10s.

SPELTER.—Several parcels have changed hands on the spot, at 21½. 10s., and for spring shipment at 21½. 17s. 6d. to 22½; the market closing steady, but quiet, at the latter quotation.

TIN.—In English the smelters have announced another rise of 3½ per ton on blocks, bars, and refined, making present price of blocks 138½, and refined 142½. Contracts for large quantities of Straits for arrival are reported, at 135½, to 136½ per ton. Banca is saleable in small lots, at 140½. Steel.—In English the demand is limited. Swedish keg unenquired for at present rates. Faggot little or no stock.

QUICKSLEVER as before: 5000 bottles have recently arrived.

TIN-PLATES.—Since the advance in tin, manufacturers are indifferent about making any sales under 26s. for IC coke.

Liverpool, Dec. 15.—A more buoyant feeling still pervades our market.

about making any sales under 26s. for IC coke.

Liveriool, Dec. 15.—A more buoyant feeling still pervades our market. The dealers have, therefore, greater encouragement to replenish their stocks, and the shippers to give out their orders, as any change in prices of manufactured iron will be of an upward character, the makers being disinclined to sell for protracted delivery at existing rates. This refers primarily to the inferior descriptions of iron, as the Trades Association, at its quarterly assembly (to be held as usual on the last Thursday of the month), is not likely to alter the list prices of the so-called "marked brands" of Staffordshire iron. Of course, it is competent for individual firms to decline orders at any time, and this has already been done by makers of a favourite brand of sheets, whose engagements in this department of their works are very considerable. The American advices by the Cinnada are dull; the inland navigation being closed checks business in heavy goods. The advent of the President's annual message is expected, with an increased degree of interest, from the apprehension that the Secretary of the Treasury may recommend a return to the tariff of 1846, so as to make the revenue from import duties equal the expenditure, to save the necessity of resorting to a loan, as was done last year. Should this conjecture of one of the New York journals be correct, the prospective imposition of higher duties of 6 per cent. on iron and 7 per cent. on tin-plates will temporarily stimulate the trade here, as shippers would be desirous to get out as much as possible at the lower rate of duty. An analogous subject, the revived rumour of a modification of the French tariff, in the shape of a reduction, caused strong buying of Scotch pig-iron on Monday, which continued without interruption until to-day. Under the influence of the speculative tone imparted the price gradually advanced from 54s. 6d. per ton, net cash, was accepted, closing sellers at 57s. 6d. buyers at 3d. per ton, cash, was accepted, cl LIVERPOOL, DEC. 15 .- A more buoyant feeling still pervades our market.

Glasgow, DEC 15.—During the past few days our pig-iron market has continued very firm, and a large business has been done in warrants at current rates. Yesterday the prices reached 57s. 9d. for prompt cash, and 58s. one month; but to-day we opened flatter, 57s. 14d. being the highest bid. Towards the close, however, we were firmer, and 57s. 6d., cash, was obtainable.—Shipments: Foreign, 2611 tons; coastwise, 7787 tons = 10,398 tons, against 9112 tons in the corresponding week of last year.

DUBLIN, DEC. 15.—Mining shares were in good demand; Carysfort, short paid, were unchanged at 10s. 6d., and Connorree declined 1s. 3d., sellers. General Mining Company improved \(\frac{1}{4}\), closing buyers at 3\(\frac{1}{4}\). Mining Company of Ireland also advanced \(\frac{1}{4}\), and left off buyers at 13\(\frac{1}{4}\).

Boston (U.S.), Nov. 30.-During the first half of the month the business in mining shares was much depressed. Recently, owing in some measure to the receipt of favourable advices from all mining districts, there has been much more activity in the market. Fortunately, the low prices of mining shares are no indication of the progress of mining at Lake Superior. No year since the commencement of operations in that region has given better results in explorations and improvements in economical management. Ingot copper is held at 22 c., cash. We shall give the particulars from the mines next week.—Dupee, Beck, and Sayles.

The imports or metals, metallic minerals, and articles identified with The imports of metals, metallic minerals, and articles identified with mining into the port of London since our last report have been:—Tin: 4000 slabs from Penang; 500 slabs from Singapore; 4 slabs from Havre. Copper: 1234 cakes, 764 ingots, 570 tiles, from Melbourne; 97 slabs from Rotterdam; 12 casks old from Marseilles. Copper Ore: 43 tons from Marseilles; 9 packages from Melbourne. Iron: 600 bars from Hamburg. Steel: 1400 kegs from Uddewalla; 3 boxes from St. Michael. Spelter: 22,680 plates from Hamburg; 85 cases from Antwerp. Zinc: 45 packages from Antwerp. Lead: 1000 pigs from Cadiz; 485 pigs from Malaga; &c. 859.

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270 pigs from Jersey. Saltpetre: 2337 bags from Calcutta. Arsenic: 20 kegs from Melbourne. Ochre: 300 casks from Rouen. Black Lead: 82 casks from Hamburg.

The standard for copper ores continues to advance, and tin has risen this week 31, per top. In the MINING SHARE MARKET there has been a large business done in a few mines prominently before the market for the time, but not so much general dealing as of late, which may be accounted for by the near approach of the Christmas holidays, and the fortnightly settlement, which took place on Thursday and Friday, and, as nightly estifement, which took place on Thursday and Fraday, and, as justal, interfered with business transactions; indeed, there is it noo much dealing for the "account." Granubler and St. Anbyn, 023 to 65; in our yours week had given great offence at "the meeting on Tuesday," this should have been written "the Basset meeting on Tuesday," this should have been written "the Basset meeting on Tuesday," this should have been written "the Basset meeting on Tuesday," The Granubler meeting is not dan for a fortught, and at the last one held no dirictent was declared, we have again been favoured with an official report, in the mine there is no particular alteration since last week, except the shaft has a little improved; the 12, 24, and 35 fm. Levils, on the middle lode, although not rich, have a kindly appearance, and will assist the mine in A and advanced to 50, 23; we have received no official notice of any improvement, though, as the demand is from Cornwall, we presume there is come discovery, and of which the out-advantares ought to a week the international control of the control of th

Ann, 34\(\frac{1}{2}\), 34\(\frac{1}{2}\); Devon Great Consols, 445; Herodsfoot, 22; Hingstom Down, 4\(\frac{1}{2}\), 4\(\frac{1}{2}\), 4\(\frac{1}{2}\); North Frances, 5\(\frac{1}{2}\); Tincroft, 5\(\frac{1}{2}\); East Basset, 120; North Downs, 4\(\frac{1}{2}\); Great South Tolgus, 14\(\frac{1}{2}\); Par Consols, 11\(\frac{1}{2}\).

In Foreign and Colonial Mining Shares the prices were:—St. John del Rey, 19, 18\(\frac{1}{2}\), 18\(\frac{1}{2}\), 18\(\frac{1}{2}\), 18\(\frac{1}{2}\), 18\(\frac{1}{2}\), 18\(\frac{1}{2}\); 18\(\frac{1}{2}\), 18\(\frac{1}{2}\); Our Mountain, \(\frac{1}{2}\), \(\frac{1}{2}\); North Rhine Copper of South Australia, \(\frac{1}{2}\); \(\frac{1}{2}\), \(\frac{1}{2}\), Australian, \(\frac{1}{2}\), \(\frac{1}{2}\).

Australia, \$\frac{1}{2}\$, \$\frac{1}{2}\$, \$\frac{1}{2}\$, Australian, \$\frac{1}{4}\$, \$\frac{1}{2}\$.

The market, "outside," for Foreign and Colonial Stocks has hardly maintained the firmness exhibited last week, several of the stocks then in demand having been offered at a reduced figure in the early part of this week. Since then a fresh demand has taken place, and shares generally are now quoted at the higher figure. St. John del Rey have fluctuated, but leave off 19, 20. North Rhine, \$\frac{1}{2}\$, \$\frac{1}{2}\$, quiet. Great Northern Copper, \$\frac{1}{2}\$, \$\frac{1}{2}\$ pur; the demand for these shares still continues good, business being freely transacted at those rates. Cobre, 48, 49; firm in anticipation of the dividend at the coming meeting. Worthing more enquired for and freely bought at 10s., leave off \$\frac{1}{2}\$, \$\frac{1}{2}\$; St. John's, Newfoundland, \$\frac{1}{2}\$, \$\frac{1}{2}\$, \$m.; Port Phillip, \$\frac{1}{2}\$, \$\frac{3}{2}\$; Mariquita, \$\frac{1}{2}\$. Australian more enquired for, at \$\frac{3}{2}\$, 1. Bon Accord, \$\frac{3}{2}\$, \$\frac{1}{2}\$; United Mexican, \$1\frac{1}{2}\$, \$\frac{1}{2}\$; Linares, \$10\frac{1}{2}\$, \$11\$; Fortuna, \$2\frac{1}{2}\$, \$\frac{3}{2}\$; Dun Mountain, \$\frac{3}{2}\$, \$\frac{1}{2}\$.

At West Wheal Seton meeting, on Tuesday, the accounts showed—Balance end of August, 433. 18a. 3d.; copper ore sold, Sept. 1 and Oct. 6, 82207. 6a. 6d. materials sold, 1237. 14s. 8d. = \$7777. 19s. 5d. —Mine cost, Sept. and Oct., 23894. 9s. 8d. merchants' bills, 797. 18s. 10d.; costs, 2007.; poor and way rates, 507.; income tax, 1237. masons, 34f.; dues, 5494. 9s. 5d.: leaving credit balance, 4634f. 9s. 6d. A dividend of 42904. (10). 10s. per share) was declared, and 434f. 9s. 6d. carried to credit of next account. The amount for copper ores sold on Nov. 3 and Dec. 1 is 8778f. 1s. 10d., to credit of rext account. Capts. Thomas, Bath, and Jennings reported favourably on the state and prospects of the mines.

and prospects of the mines.

At Wheal Seton meeting, on Monday, the accounts showed—Balance last audit, 11101. 1s. 74.; ores soid (less dues), 22321. 3s.; carriage of tin, 41. 2s. 1d. = 33401. 6s. 8d.—Mine cost, Sept., 7871. 0s. 10d.; October, 7341. 18s.; merchants' bills. 4741. 5s. 2d.; leaving credit belance, 13501. 2s. 8d. Upon the two months' working there was a profit of 2401. 1s. 1d. A dividend of 5941. (3l. per share) was declared, and a balance of 7561. 2s. 8d. carried to the credit of next account. The report of the mine was very favourable.

was very favourable.

At Dolcoath Mine meeting, on Monday, the accounts for September and Oct. showed—Balance last audit, 8111. 9s. 8d.; copper ores soid, 6961. 9s. 3d.; th ores, 10,4511. 0s. 2d.; old iron, 2391. 11s. 3d.; carriage of tin, 7t. 13s. 8d. =19,2061. 4s.—Mine cost, 4716f. 12s. 4d.; merchants' bills, 20451. 16s. 5d.; on account of new whim-engine 3001.; rents, rates, and dues, 7071. 2s. 5d.; leaving credit balance, 4436f. 12s. 10d. The profit on the two months' working was 3625f. 3s. 2d. The report will be found among the Mining Correspondence.

At Pada, and Alex I Links A. Mine.

soot, rents, rates, and ones, 707. 2s. 5d. : leaving credit balance, 4365. 1s. 100. The profit on the two months' working was 36251. 3s. 2d. The report will be found among the Mining Correspondence.

At Pedn-an-drea United Mines meeting, on Wednesday (Mr. A. Jennings in the chair), the accounts showed—Balance last audit, 21091. 9s. 3d.; received for til, 3241. 9s. 3d.; copper ore, 1011. 19s. 5d.; discount, 2f. 18s. 10d.—64561. 16s. 9d.—Labour cost, August and Sept., 25141. 17s. 6d.; merchants' bills, 6741. 7fs. 1d.; lord's dues, 1501. 4s. 3d.; secretary and office for two months, 257. 16s. 4d.: leaving balance to next account, 20904. 1s. 5d. The meeting represented more than two-thirds of the shares, and Capt. W. Tregay was appointed unanimously the local manager.

At the Rosewarne United Mines meeting, on Monday, the accounts for September and October showed—Balance last audit, 1434. 12s. 9d.; copper ores sold, 18364. 6s. 4d.—19891. 19s. 1d.—Mine cost, 12394. 15s. 9d.; merchants' bills, 3371. 15s. 9d.; dues, 1011. 19s. 2d.: leaving to credit of next account 2404. 18s. 5d. In accordance with the wishes of several large shareholders for a London office for reference, a weekly report will be forwarded to Mr. Murchison, 117. Bishopsgate-street, for which he will be paid 2f. 10s. per month. The report will be found among the Mining Correspondence.

At Rheidiol United Mining Compuny meeting, on Dec. 5 (M. J. Filling in the chair), the accounts for Oct. and Nov. showed—Balance last audit, 1102f. 18s. 8d.; mine costs, 732f. 19s. 7d.; merchants' bills, 185f. 2s. 9d.; royaty, 2290. 13s. 7d.; bank charges, 3d. 11s. 10d.; J. Pauli for inspection, 5d. 6s.—22931. 1ls. 5d.—18 head of Cct. 26, 494f. 3s. 4d.; ditto, Nov. 30, 342f. 1s. 2d.; call, Nov. 1, 194f. 12s.; discount of merchants' bills, 10f. 18s. 8d.; is mine costs, 732f. 1ss. 6d.—18 discount of merchants' bills, 10f. 18s. 8d.; is even by the latter end of January. There were thirty men employed in driving levels and thirty-six in breaking down one, with, in addition,

having a greatgand profitable mine. The cost for the ensuing two months would be about 1500's.

At Tees Side Mine meeting, on Dec. 6 (Mr. S. Bird in the chair), the accounts showed—Baiance last audit, 184s. 19s. 10d.; July cost, 57t. 3s. 6d.; sundries, 27t. 7s. 2d. -269s. 10s. 6d.—Ore sold, 37t. 5s. 7d.; calls received, 63s! 4s.; discount, 6s. 3d.; leaving debit baiance, 168s. 4s. 8d. The excess of liabilities over assets was 364s. 7s. A call of 4s. 6d. per share was made; the services of Mr. J. H. Robinson, as secretary, were dispensed with, and Mr. J. B. Reynolds appointed in his stead, it being considered desirable to keep the accounts in London for the future; and the committee were authorised to engage Capt. Jeffrey, of Craigton Mines, if they thought fit. Capt. Richard Bray reported that, if Tees Side Mine be worked well and kept in good order, he thought an excellent property would be developed.

At the Duke of Cornwall Copper Mine meeting, on Tuesday (Mr. T. Don in the chair) the accounts showed—Due to the pursor, 487s. 16s. 1d.; mine cost, September, 365s. 12s. 8d.; loan, 350s.; merchants bills, dues, &c., 239s. 9s. 2d. = 1442s. 17s. 11d. Calls received, 1258s. 5s. 2d.; balance at Messrs. Robins and Co.; 2s. 9s. 5d.; overdrawn, 42s. 16s. 3d.; leaving dedit balance, 139s. 7s. 1d.—The balance of liabilities over assets was 1555s. 2s. 6d. The agents were requested to be more careful in ordering materials, and to exercise more attention and greater economy. A call of 16s. per share was made. The pursor was instructed to proceed in the most summary thanner against all shareholders in arrear, and to take care that no call be unpaid at the next meeting. The committee were reappointed. The report of Capt. T. Trevillion was read, as was also the report of the agent, Capt. F. Puckey, who recommended the carrying out of certain points, the cost of which, he considered, would not exceed 400s.

At the Great Sheba Consols (adiourned) meeting, on Tuesday (Mr.

was read, as was also the report of the agent, Capt. F. Puckey, who recommended the carrying out of certain points, the cost of which, he considered, would not exceed 4001. Par month.

At the Great Sheba Consols (adjourned) meeting, on Tuesday (Mr. W. Arundell in the chair), it was stated that by a resolution at the last meeting the committee of liquidation wore requested to prepare a balance-sheet, showing the estimated liabilities of the company. That, it was explained, had not been eccomplished, in consequence of certain costs not having yet been rendered. As the certificate had not been given, the conveyances of the property sold could not be completed. The secretary was directed to require of Mr. Hemmings the blank cheques, books, and papers in his possession belonging to the company. A call of 5e, per share was then made.

At Carr Vivian Mine meeting, on Nov. 30, the accounts to that date showed—Mine costs, April to September, 391. 4s. 11d.; merchants bills, 122. 9s. 6d., =5131. 14s. 5d.—Ore sold, 291.6 5s.; calt, 631. 2s.; advanced, 1571. 19s. 6d.: leaving debit balance, 1f. 6s. 11d. It was stated that the above costs were not a criterion for the monthly expenditure, as they included much overtime and extra labour for the wheel and leat. A call of 2s. per share was made. Capt. Wm. Eustace, the agent, congratulated the advendarcers upon the present prospects of the mine. They were down the intended depth for exploring, and could reach several most promising points at an easy cost. Since the meeting copper had been cut in the bottom isvel.

At the Great Caradon and Slade Mine (adjourned) meeting, on Dec. 2 (Mr. Reynolds in the chair), the financial position of the company was taken into consideration. A lengthy statement on behalf of certain Bristol shareholders having been read by Mr. Gibbons, certain resolutions passed at a meeting of Giasgow shareholder; were submitted by Mr. Williams. Capt. Bisdee having resigned his seat at the board, it was resolved that the same be accepted. Capt. S. Gregory, the ag

At the West Tolvadden Mining Company meeting, on Tuesday (Mr. T. Weston in the chair), the accounts, from Peb., 1858, to the end of Oct. last, showed a balance against the mine of St. 7s. 8d. Captain J. Thomas reported favourably of the mine, and which was corroborated by Capt. Floyd. Messrs. Butler, Langley, Weston, Harris, and Phillips, were appointed the committee for the ensuing three months. Details of the proceedings will be found in another column.

At the New Wheal Vaddon Mining Company meeting, on Tuesday (M. T. Weston in the chair), the accounts, from May, 1858, to the end of September last, showed a balance against the company of 2431. 17s. 7d. A call of 3s. per share was made, payable on a before the 31st inst. Capt. Ployd reported that the prospects were of a most cheering character, and the works going on most satisfactority. Messrs. Bourne, Langley, Weston, Phillips, and Butler the committee for the ensuing three months. Details of the proceedings will be found in another column.

At the Bombay, Baroda, and Central India Railway meeting, on Wed-

Details of the proceedings will be found in another column.

At the Bombay, Baroda, and Central India Railway meeting, on Wednesday (Lieut.-Col. P. T. French in the chair), it was stated that the long-vexed question of the approach of the company's line of railway to Bombay had been satisfactorily settled. The completion of those plans, and the estimates based thereon, had established the following points in favour of the direct line from the Veturnee River via Bassein, to Dhadur, as compared with the line joining the Great Indian Peninsula Railway at Purseek—less cost; shorter by eight miles; curves five and easy, while those on the other line are many and sharp; and maintains the gradient 1 in 500, which rules the line from Ahmedabad to the Veturnee River, while the alternative line presented a railing gradient of 1 in 100. Those advantages appeared to his lordship in council to be quite conclusive in fevour of the direct line, and the Gevernment accordingly sengentioned its adoption. With regard to the Taptes Viaduct and the Nerbudda Bridge, those

works Mr. Forde considered were in such a position that he could confidently state they would be completed before next monsoon. Referring to the progress of the line, it was stated that there had been completed 145 miles between Surst and Ahmedabad, and 117 miles between Surst and all of 127 miles between Surst and a property of the company of the c

The National Provincial Bank of England have declared a half-yearly

If vidend at the rate of 8 per cent, per annum.

It appears that the terms granted by the directors of the Great Ship lompany for the loan of 40,000. for six months, on mortgage of the Great Eastern, are

Conjago to the formation of the control of the cont

MACHINERY, METALS, &C., IN MELBOURNE.—Our correspondent (Oct. 17) writes—"Mining machinery, and steam-engines from 5 to 150-horse power, are now in great demand, and will fetch, if promptly sent out, large prices." The Melbourne Argus also says—"The extraordinary movement in mining companies, intending to work our gold fields by machinery, has created an unprecedented demand for machinery and the metals required for their fabrication. Not only have these advanced immensely in price, but old stocks of engines and boliers, which two months ago were utterly unsaleable, have been sold at large protes. In fact, it was to a certain extent this realising on old consignments that induced many merchants to patronise the mining companies, which otherwise they would probably never have taken a share in, let alone fathering illegitimate projects. The demand for quartz-crushing engines continues, notwithstanding the collapse of several undertakings; and good beliers, as well as bolier-plate, are much wanted to complete orders. The price of the latter has advanced to 181, per ton, and the consumption of assorted bar and rod iron is in excess of the supply."

RAILWAYS IN IRELAND.—The project brought forward last year for the establishment of a direct railway communication between the important cities and ports of Cork and Limerick, but owing to its having been introduced at a late period of the year, time did not admit of its being proceeded with, has been revived by the original promoters. The proposed line will commence close to the Charleville station on the Great Southern and Western Railway, and passing through the towns of Bruree and Croom, will join the Limerick and Foynes Railway, about seven miles from Limerick. This proposed direct route will, compared with the existing railway communication, effect a saving of distance of twenty miles. The capital necessary for completing the line is estimated at 100,000,, and highly respectable contractors have offered to undertake the construction of the line for a sum within the engineer's estimate, taking a large amount of the contract money in shares. A considerable amount of landed and local support has already been obtained for the project, and the landowners generally are eager for the construction of the line, several of them having agreed to take shares in payment for the land required of them for the purpose of the railway.

THREATENED STRIKE OF COLLIERS IN THE WEST RIDING.—The colliers of the Gildersome, Adwalton, and Drighlington district (about a thousand in number) have made another demand of the colliery masters for an advance of wages to the extent of 10 per cent. Notice was given by the men themselves, about a fornight ago, and on Wednesday evening each colliery master received an "official" notice (duly signed and sealed) from the "board" of the Gildersome and Drighlingon Miners' Association, to the effect that, if the demand be not yielded the men will cease working after (Friday) yesterday evening. The masters, who are not combined, feel that they have no alternative but to yield the advance. A similar advance was demanded and given some time ago, when the colliers of West Yorkshire were threatening strikes, and some portions of them were under strike, and the present advance, if yielded, will make the advances made at various times, since 1859, not less than from 35 to 49 per cent. There is a strong combination among the colliers in the district.

A MINER FATALLY CRUSHED.—A huge stone fell from the roof of the

A MINER FATALLY CRUSHED.—A huge stone fell from the roof of the ewsnip Fit, Dakinfield Hall, on Wednesday night, on Thomas Ogden, a miner in the aployment of the Dukinfield Collery Company. The poor fellow was so seriously intred that he died vesterable.

Jured that he died yesterday.

Dreadful Death of A Miner at Dudley.—Richard Davies, a miner at Messrs. Badger's Springfield Colliery, Dudley, was engaged in getting the coal from a part of the mine which was considered quite safe, when sudenly a mass of coal upwards of 2 tons weight fell and buried him. After a great deal of exertion he was extricated, when it was found that his back was broken, and that all the ribs on one side were fractured. Davies was also frightfully disfigured about the head and face.

MINE ACCIDENTS.—At Ding Dong Mine, Thomas Madron, while em-ployed at the tin stamps, and in the act of screwing on a bar to a bolt of part of the machinery, accidentally slipped, and fell on the axletree whilst the stamps were work-ing, and being taken round therewith, received such injuries as to occasion his immediate death.—As Mr. Jas. Daw, the brother of Capt, John Daw, was at work at Carn Brea, he received an injury which broke two or three of his ribs.

THE METAL TRADE OF LIVERPOOL

| Date. | Ship. | Where from. | Copper ore. | Cop. | Bar cop. | Pig lead & lead ore. |
|-------|----------------------|-------------|-------------|--------|-------------|----------------------|
| | | | Tons. | Tons. | - | |
| | Elinor Chapman | | 400 | - | -, | - |
| | Dirigo | Melbourne | - | **** | 8844 | 92 pigs. |
| | Cairo | Leghorn | 6 | - | - | - |
| 8 | Florence Nightingale | Arica | 250 Baril. | - | - | - |
| 8 | | Arica | | - | 1000 | - |
| 10 | Sea Wave | Tocapilla | 400 | 80 | - | |
| 11 | Isaac Webb | New York | 35 | - | - | 1000 |
| 14 | Ann Powell | West Coast | | 270 | 1342 bars. | - |
| 18 | Nemesis | Bilbon | _ | - | 1000 | 50 tons. |
| 20 | Lord Nelson | Valparaiso | | 160 | 1232 bars. | _ |
| 20 | Deoganus | Callao | | - | _ | - |
| 24 | Reviresco | Seville | | select | 1293 cakes. | 2400 pigs. |
| 28 | Tom and Mary | Seville | | - | _ | 330 pigs. |
| 29 | Red Jacket | Melbourne | - | 5 | 2 casks. | |
| 29 | Corinthian | Leghorn | 100 | - | _ | - |

| 6 | BLACK TIN. |
|---|---|
| 0 | Sold on the 9th December. |
| e | Mines. Tons c. q. 1bs. Price per ton. Amount. Purchasers. |
| h | Gt. Wh. Vor 11 0 1 8 £85 0 0 £ 936 7 0-Chyandour. |
| | ditto 2 3 3 14 76 12 6 168 2 0- ditto |
| | ditto 11 10 3 3 85 0 0 980 16 0-Mellanear. |
| | ditto 2 3 3 13 76 12 6 168 1 0- ditto |
| 0 | Carvath United 2 11 1 27 74 0 0 190 10 4—Enthoven & Sons. |
| | ditto 0 5 3 2 41 0 0 11 16 6- ditto |
| , | Sold on the 11th December. |
| | So. Carn Brea 32 0 0 0 64 10 0 2080 0 0- |

COPPER ORES.

NO SALE on Thursday last, D

NO SALE on Thursday last, December 8.

Copper ores for sale on Thursday next, at the Royal Hotel, Truro,—Mines and Parcels.—Devon Great Consols 1849—Marke Valley 503—Phomix Mines 390—West Caradon 332—North Robert 274—Devon and Cornwall 253—Bedford United 299—Kelly Bray 150—East Gunnis Lake 135—Wheal Crelake 124—Wheal Friendahlp 121—Wheal Bray 150—Gants Lake 99—Wheal Edward 78—Wheal Yather 67—Hawkmoor 66—Wheal Arthur 36—Sortridge Consols 35—Wheal Crebor 34—Wheal Russell 18—West Colincombe 10—Virtuous Lady 7—Old Gunnis Lake 6.—Total, 4996 tons.

Copper ores for sale on Thursday week, at Tabb's Hotel, Redrath.—Mines and Parcels.—United Mines 704—Fowey Consols 469—South Caradon 425—Great Wheal Busy 372—West Wheal Damsel 331—Grambler and St. Aubyn 111—South Crinnis 85—Fast Wheal Yather 1900—Wheal Falmonth and Sperris 27—Creegbrawse 20—Wheal Jane 15—Old Tolgus United 11—West Jane 4.—Total, 2681 tons.

Copper ores for sale at 8 wanses, Dec. 27.—Cobre 620—Knockmahon 358—Spr 98—Del Soto 126—Berchaven 118—Ookip 103—Great Barrier 67—Australian Re-Ballydehob 9—Bampfylde 7—English and Canadian 2——Total, about 1617 to

DEC. 17, 1859.

Now ready, price is.,

THE PROGRESS OF MINING IN 1858,
BIJ. Y. WATSON, F.G.S., Author of the Compendium of British Mining (published in
1843), Gleanings anneag Mises and Mineré, &c.

The Fourteerth Annual Review of Minine Programs and the Review of Mining Companies, and the Dividends and Procentage Paid by British and Foreign Mining Companies, and the
Biate and Prospects of upwards of 300 Mines. Also a Few Copies of the Review
Of 1852, 1853, and 1854, MAY BE HAD on application at Messrs. Waynon and Corle.'s
Mining offices, 1, St. Michael's-alicy, Cornhill, London.

Also, STATISTICS OF THE MINING INTEREST. By W. H. Cuell.

WATSON AND CUELL'S MINING CIRCULAR published every Thursday morning, price 6d, or £1 is, per annum, contain Special Reports of Mines, and the Latest Intelligence from the Mining Districts, from an archaeve resident agent; also, Special Recommendations and Advice upon all subjects connected with Mining, and interesting to investors and speculators. A Record of Daily Fransactions in the Share Market, Metal Sales, and General Share Lists, &c. Edited by J. W. Marson F.G. S., and published by Warson and Currat, [As. Michael's-alley,Cornhill M. B. Messrs. Warson and Curzat, have made a selection of a few dividend and progressive mines, which they have reason to believe will pay good interest, with a probability, also, of a rise in value, the names and particulars of which will be furnished on anolication.

N V E S T M E N T S I N B R I T I S H M I N E S ...

Mr. MURCHISON'S REVIEW OF BRITISH MINING for the QUARTER and NINE MONTHS ENDING SEPTEMBER 30, 1859, with Particulars of the Principal Dividend and Progressive Mines, Table of the Dividends Paid in the last Four Years, &c., and of SPECIAL REPORTS on VARIOUS IMPORTANT MINES, IS NOW READY, price One Shilling, at 117, Bishopagate-street Within, London.

Relable information and advice will at any time be given on application.

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Nearly ready, price One Guines to subscribers,

THE MOUNTAIN LIMESTONE
SWALEDALE, YORKSHIRE, showing Forty Dislocations r Veins of Lead Ore
varying in Throws from One to Forty Fathoms, with the most Frontictive and Uppodective portions of each Vein. ng in Throws from One to Forty Fathoms, with the most Productive and Upprove portions of each Vein.

By LONSDALE BRADLEY, M.R.A.C., F.G.S.
scribers' names received at the office of the "Geologist," 154, Strand, London, W.C.

Notices to Correspondents.

• Much inconvenience having arisen, in consequence of several of the Numbers durin the past year being out of print, we recommend that the Journal should be regular! Aled on receipt: it then forms an accumulating useful work of reference.

BLISWORTH IRONSTONE MINING COMPANY.—In answer to your Ulverstone correspondent. I believe a gentleman is now working some mines at Blisworth. Only a very small quantity has as yet been sent away. There is no railway siding, and all the stone which has been sent off has had to be carted a distance of one mile to the station. The mine is more conveniently situated as regards water conveyance, being very near to the Grand Junction Canal, but no large trade can be done by water.—W. Brown.

the Grand Junction Canal, but no large trade can be done by water.—W. BROWN BLISWORTH IRONSTONE MINING COMPANY.—In reply to the enquiry of "A Subscri (Ulverstone), for information relative to this mine, I beg to inform him that the re he has not seen any mention of this company in the Journal is from the simple that it is a strictly private concern, and has not in any way been offered to the pu the shares being subscribed for and confined entirely to the private connections o promoters. With regard to the management and prospects, on which "A Subscriation which "A Subscriation can at any time be obtained by ties interested on application at the registered office of the company.—A SHAREHOLD.

GREAT WHEAL ALFRED.—Would any competent correspondent be so good as to give his views on this mine. Are the workings now paying; and what are the prospects a to their becoming profitable?—SHARHOLDER.

views on this mine. Are the workings now paying; and what are the prospects as to their becoming profitable ——SHARRHOLDER.

Calstock Consols.—It is quite evident that "Argus," of Tavistock (qy. of Plymouth) must have some powerful motive which misleads his judgment when he comes to speak of the poverty of Calstock Consols ore, in last week's Journal. A reference to the samplings, the last of which contained some ore which sold at 131. St. per ton, and averaged \$1. 100. 6d., is a sufficient answer to the first part of his letter. I hope that "Argus" has not sold a "bear" of these shares, as is shrewdly suspected. I am not at all surprised at his giving up his old address. Whits his hundred eyes are employed in finding out faults in others, let him bear in mind that his actions are open to criticism, which he shall receive if he provokes—Mosors.

BRIFOL. SCHOOL OF MINES.—In perusing the letter of "Solo," in last week's Journal, I was glad to find the project for mining schools in South Wales is likely to be brought forward. With respect to his other remarks, it is to be hoped that care will be taken by those interested to maintain the efficiency of the Bristol Mining School; there are some, however, who faar that it already shows symptoms of decay. How is it, I may ask, that of the first course of lectures, which were advertised in September, numbering twelve, the last three have not been delivered, which were on the following interesting subjects:—Nov. 28, by Thos. Coomber, F.C.S., "Metallurgical Operations,"—Dec. 5, H. Mitts, "on the Locomotive Engine,"—Dec. 12, by Handel Cossian, F.G.S., "A rangements necessary for the Safe and Economical Working of Mines." To keep up the spirit of the school, there must be practical lectures and practical teachers. Chemistry and pretty experiments are not sufficient; they will not produce good working colliery viewers.—W. K. : Pennynetle-rood, Bristol, Dec. 13.

New oursoland.—A letter addressed Mr. Harry T. Verran, Placentia, Newfoundland, will beach as a careful section as

Newpoundland.—A letter addressed Mr. Harry T. Verran, Placentia, Newfou will reach; we received a communication last week.

will reach; we received a communication last week.

LADY SHAREMOLERS.—I shall be glad to be informed what is the state of the law respecting females holding shares in mines. A case lately occurred of a married lady purchasing, and having duly registered in her own mame, shares in a cost-book mine; and on selling the same the secretary refused to grant certificate to the book mine; and on selling the same the secretary refused to grant certificate to the book mine; experience never having had a similar objection for ransfer frames, I argued that having admitted the lady as a shareholder the objection to re-transfer the shares could not be a valid one; and after much hesitation the point was given up, and the shares transferred. But inasmuch as so serious an obstacle being thrown in the way of business might prove very inconvenient to buyers of shares, I am induced to lay the question before you, and shall anxiously look for a reply on the legal point in question.—Is there any law against a married lady holding shares in her own name?

—A. MINING BROKER: Dec. 13.

BYONG GREAT ELEMARTH...—What is at present being done with recard to this property?

DEVOY GREAT ELUXABETH.—What is at present being done with regard to this property?

The meetings are not reported in the Journal; and, therefore, those who are anxious to become shareholders are deprived of the advantage of ascertaining the opinions of shareholders, the knowledge of which is oftentimes a powerful incentive, and of essential assistance in the forming of the opinion of others. If any holder, or any other person connected with the undertaking, can furnish me with its position and prospects, such would be gladly received.—L. S.

MANUFACTURE OF CAST-STEEL .- The letter from Mr. R. Mushet shall appear

Week a courtain.

East INDIA COAL COMPANY.—Some short time since an enquiry was made in the Journal as to the result of the committee appointed by the shareholders to confer with the directors upon the position of this company, and to investigate its affairs. So far as have seen, no answer has been made to that enquiry; and, therefore, I may perhap be allowed to repeat the enquiry, as it would be extremely satisfactory to many shareholders to know the result of that committee.—D. J.

be allowed to repeat the enquiry, as it would be extremely satismatory to intury shareholders to know the result of that committee.—D. J.

WERY CONSOLS MINE.—The writer of the article in the Journal of Dec. 3, on the "Mining Districts of South Devon," deserves great praise for the able manner in which he described, or alluded to, the different mines in this locality, and particularly the bird'seque view he took of a pot so little known by the public—Wery Consols Copper Mines, he are the control of the great credit is due to the gentleman the writer makes mention of, who has the control of the mine adoresial, for his untiring energy and perseverance in the development of the property; and, from a discovery made in cutting through the lode within the past few days, no doubt his energies will be crowned with success, and will prope what all those who have reported—that Wrey Consols ere long will be a good and lasting mine. But few men would have had the spirit to work a mine single-handed for two years, as has been done by Capt. W. V. Williams.—John ROBERTS: Ashburton, Dec. 15.

DEN MONYALIN COPPER CONPANY.—Will some one of your intelligent correspondents tell see what is the value of "chromitic iron?" I see by the accounts from the above mine that they are shipping 3000 tons; and, holding shares in it in this country, I am naturally anxious to know what "chromitic iron" is, and its probable value on its arrivel here.—JAKES EVANS: Dec. 15.

MINE CAPTAINS.—Your last Journal contained a letter with the above heading. If the

MINE CAPACIES EVANS: LOCAL TO.

MINE CAPACIES.—Your insat Journal contained a letter with the above heading. If the
writer of that letter be merely a shareholder, he cannot have well weighed the matter,
for surely either he would have seen the change he alludes to is not only at times
most desirable, but not so frequently made as the shareholders' interests demand.
Unfortunately, in too many cases the capatine feel their "position so secure," that it
is to be feared they think their "efficient and valuable" services should be directed is to be feared they think their "efficient and valuable" services should be directed chiefly to ensure the continuance of this position rather than to repay the shareholders for their outlay by a quick return of the ores in the sett, by peahing on all the various workings in a miner-like way, instead of delaying or stopping some, lest the mine should not last their time, or, in other words, not prove to them a freehold estate. Is it not more than probable that many mines, instead of just paying their way month after month, and year after year (which, by the way, proves the agents to be very clever fellows) under different management would have given the company a good profit, but possibly have had a shorter existence; for it must be remembered that in such concerns there are certain fixed charges, unvarying in amount, whe'ever the underground operations. The shareholder's and agent's interests are antagonistic; the former wants his ground proved in the shortest possible time, whilst the latter is not unirequently satisfied to plan it for his lifetime. There is, however, hope for the shareholders at last, in the springing up of a class of agents who manage for their employers' benefit solely, as well as in the railway, which in the coming summer will convey to the mine accounts the out-shareholders, who generally are business men, and will require things to be done to their satisfaction; and this doubtless will involve many more "substitutions of mine capatians."—A FRIEND TO SHAREMOLDERS.

17. Hopkins is engaged in making a general inspection of the mining districts of the

Westers Africa Malacultz Corver Misses.—In our notice which appeared in last week's Journal of the Western Africa Malachite Copper Misses Company meeting, we inadventently stated that the company had received 3 tons of malachite, whereas it should have been stated that 35 tons had been received. We understand that the company has a ferther quantity of 45 tons now arrived at Lisbon, waiting shipment for England.

Coal and Colliery Operations.

In the MINING JOURNAL of Jan. 7, 1860, will be commenced the publication of the first of the series of

PRIZE ESSAYS ON COAL MINING.

These Essays will present a complete detail of the system of working rsued in each of the districts treated of, and will contain such an amoun of practical information as cannot fail to render them highly valuable to all connected with the exploration of coal fields. Each Essay is from the pen of a practical man, and the data given may, therefore, be confidently

THE MINING JOURNAL

Bailway and Commercial Gazette.

LONDON, DECEMBER 17, 1859,

A subject involving the happiness and comfort of a quarter of a million persons employed in an important branch of mining industry is one to which we cannot too often refer, and we, therefore, make no apology for reverting to the Miners' Provident Association, whose tables of rates we published last week. A fresh study of the figures has revealed a new set of phenomena, and increased our admiration of the diligence and research displayed in their construction. According to these tables, the ordinary mortality—that is to say, the deaths from natural causes among pitmen between the ages of 20 and 45—is much less than the average; in other words, the excess of mortality among colliers between those ages is more than accounted for by the number of fatal accidents during that period of life. For instance, the annual average of mortality between 20 and 25 is -6927 per cent. the annual mortality among pitmen is 1-0182, the excess being -3255. But the deaths from accident in mines at that age number :3382 per cent. Between the ages of 35 and 40 the difference is still greater, for while the excess is only 0717, the deaths from accident stand at :2907, showing a decrease from the ordinary mortality of :1190 per cent. These curious phenomena will, perhaps, account for the hesitation at one time shown by the different orders of friendly societies to receive the contributions of the colliery population. They are certainly most interesting to the statistician, and most valuable to the mining community.

In a previous article we pointed out an objectionable rule, which provided for an alteration of rates under the direction of the actuary; this rule, we are glad to hear, has been expanged, and one or two others have been modified at the suggestion of friendly critics. As may be supposed in a scheme founded on data not readily accessible, and involving much complex arrangement, imperfections existed, but these have been removed, and the "constitution" and rules as published now may be considered for all practical purposes per

at a recent meeting to investigate the claims of the Association, and before long we shall, no doubt, be able to report their decision.

The "constitution" of the Association has elicited no hostile criticism.

and was accepted, we believe, as soon as promulgated. It is a most effi-cient safeguard against the perversion of funds by either masters or men, and if infringed will render the offender liable to the penal operation of the and it infringed will render the oftender hable to the penal operation of the Friendly Societies' Act. The "guarantee fund" once subscribed—and it must be raised before the Association can operate—will remain to provide against temporary deviations from the average rate of claims as long as the society exists. Neither man nor master can divert it from its intended channel for purposes of party warfare, and if ever the society should be broken up it will revert to its original subscribers. We have seldom seen a more complete and more satisfactory document than the constitution of the Miners' Provident Association. the Miners' Provident Association.

the Miners' Provident Association.

Approving as we do of voluntary arrangements between masters and men, in preference to legislative interference, we trust that the masters will see the desirability of giving their approval to the miners' provident scheme before any agitation be allowed to commence for parliamentary enactments, such as those indicated in the paper of Mr. HOLLAND. We augur the best results from the mutual acceptance of a scheme like this, whereas any attempt to obtain legislative aid by either side would only renew those hostilities between employer and employed which are everywhere to be deplored. Except for the exaction of compulsory rates, no advantage can be gained by a special Act, and the provisions of the Friendly Societies Act are already of such a character as to preclude any possible miscarriage in the plans of the promoters.

We have been requested to state, in reference to our remarks on the MINERS' ASSOCIATION last week, that the only reason for comprehending Devonshire with the eastern district of the Association was to facilitate the regular working of the Association by four quarterly meetings, which would be complicated by a fifth division. There is, however, no reason why Tavistock should not secure for itself every advantage which, it was intimated, might appear to belong to Liskeard. The Miners' Association professes to stand above all local jealousies, and to seek the improvement of Mining with an equal degree of interest in Devonshire as in Cornwall, provided the miners of Devonshire enter with activity on the work. They may make Tavistock, or any other Devonshire town, the place for holding may make Tavistock, or any other Devonshire town, the place for holding the quarterly meetings in turn; and have amongst them a rauseum of local mineralogy and geology, which would be at once highly useful, and form the centre around which the eastern district of the Association might revolve.

INSTANTANEOUS DECOMPOSITION OF FIRE-DAMP.—It is really almost marvellous, considering the innumerable inventions which have been in-troduced, that explosions of fire-damp in our coal mines have not long ere this become unknown except in history; but as that destructive agent has not yet been brought so entirely under controul as to secure a state of affairs so much to be desired, new discoveries and fresh suggestions are taken into consideration with as much interest as at any former period. So many efficient safety-lamps are already known, that our inventive genius beginning to feel that the prospects of success in that direction are cient inducements, and the favourite problem now is to find a me cient inducements, and the destroying the fire-damp altogether, and immediately it is given off from the coal. On Thursday evening we took the opportunity of watching some experiments, conducted by Mr. A. Wall, illustrative of the power of his invention for the instantaneous decomposition of fire-damp, and although the circumstances under which they were made were anything but favourable there can be no doubt considering his statements in connection. though the circumstances under which they were made were as favourable, there can be no doubt, considering his statements in with the experiments, that his discovery will prove invaluable. with the experiments, that his discovery will prove invaluable. The principle of the invention is extremely simple, but as the patents are not yet secured, we are, of course, unable to give the precise details. We have said that the object is to decompose the carburetted hydrogen as given off; to do this, Mr. Wall provides a screen composed of a perforated wooden partition, covered with a wire network, between which he places a substance new to the scientific world, and whose properties are such that it separates the carbon from the hydrogen, and facilitates the combination of the hydrogen separated with the oxygen of the atmosphere and the formation of water, one-twentieth only of the hydrogen originally contained in the fire-damp being permitted to escape, and this hydrogen in a pure state. By the experiments which we have seen, the separation of the gases composing the fire-damp was quite as nearly perfect as necessary, but from the difficulty of showing the combination of the oxygen of the atmosphere with

the hydrogen of the fire-damp, and the consequent formation of water, and of afterwards ascertaining the quality of the gas remaining in what was supposed to represent the level, we must leave the consideration of this part of the discovery to a future time. The screens are provided at every heading, and fixed in the same way as a door, so that the miners can instantaneously cover the whole face of work in case of a blower being opened, or the gas from any other cause issuing to a dangerous degree. Mr. Wall likewise proposes to place the screens over the headings upon the men leaving work, so that the mine might be kept clear for the next time of going down; and such he says is the nature of his new substance that there would have been in a similar area of heading under other circumstances. Mr. Wall has expended many years in completing his discovery, and his age now preventing him from devoting the activity necessary properly to develope the invention, he intends, we believe, to seek co-operation, and as the prevention of explosions of fire-damp is obviously of paramount importance, there is an ample field for enterprise. Additional experiments have been suggested, and will be made without delay, for placing the question of the facilities which the new compound offers for the neutralisation of the hydrogen beyond all doubt, when we shall give more ample particulars.

COMPARATIVE STRENGTH OF IRON AND STEEL.

A long series of experiments have just been completed by Messrs. Robert Napier and Sons, of Glasgow, for the purpose of testing the relative value of 540 samples of iron and steel; Mr. David Kirkaldy, who had the immediate controll of the experiments, having taken every possible precauindicate controll of the experiments, having taken every possible precaution to record the results as plainly and correctly as possible. From the tabulated statements referring to steel bars, it appears that the order of superiority runs thus:—Turton and Sons, cast-steel for tools from Acadian iron; Jowitt's cast-steel for tools, for chisels, for Gifts, and double shear; Bessemer's, tool; Wilkinson's Hoop L.; Jowitt's, for taps; Moss and Gambles', for rivets; Naylor and Vickers, for rivets; Krupp, for bolts; Shortridge and Howell's homogeneous metal; Jowitt's spring steel; Mushett's steel; Mersey Iron and Steel Company's puddled steel; and Blochairn puddled steel. The iron bars tested showed the relative superiority to be Low Moor, Bowling, Farnley, Bradley and Co.'s Hoop L., B. B. Scrap, and S. C. Crown G. B. Thorneycroft's T. N. S., Lord Ward's L. Crown W.R.O., Govan Ex. B. Best, Govan B. Best, Govan B. Glasgow Best Rivet, Govan B. Best, Coatbridge Best Rivet, Blochairn Best Rivet, St. Rollox Best Rivet, R. Solloch E. Best, Ulverstone Best Rivet, Mersey Company's Best, Eckman and Co. RF. Gothenburg, Russian CCND, Hammered Scrap Iron, Busheled Iron from Turnings. Of the 80 samples of steel-plates tested Turton and Sons' Cast Steel stood first, followed by Naylor and Vickers's; Moss and Gambles'; Shortridge and Howell's Homogeneous Metal; Mersey's Company's Puddled Steel; and Blochairn Puddled Steel and Boiler-Plates. Iron-plates were next submitted to trial, and found to range—Low Moor, Bowling, Farnley, Consett, Bradley's S. C. Crown, T. Welle's Best Best, K. B. M., Mossend Best Best, Glasgow Best Boiler, Glasgow Ship. Maker's stamp uncertain, and Govan Best. The iron straps tested showed Glasgow Ship Beam, Dundyvan Strap, Mossend Strap, Thorneycroft of the experiments was to ascertain the comparative strength of various kinds of wrought and cast-iron when subjected to a tensile strain with the tion to record the results as plainly and correctly as possible. From the of the experiments was to ascertain the comparative strength of various kinds of wrought and cast-iron when subjected to a tensile strain with the view of substituting homogeneous metal or steel for wrought-iron in the construction of machinery, boilers, steam-ships, &c., and so far as we see the result is favourable for the introduction of steel.

New Fuel—Condensed Pear.—Three hundred and fifty years have elapsed since the earliest treatise now known upon the preparation of peat fuel was published, and since that time inventions and suggestions relating to the subject have been periodically brought forward. Nearly every conceivable plan was thought to have been tried, and certain is it that within the period named old processes have been more than once re-invented, yet success has never been obtained to an extent at all commensurate with the trouble and outlay incurred. In another column of this day's Journal will be found an important communication on the subject of condensed peat—a preparation which the inventor states can be simply and cheaply obtained, and which has the advantages possessed by peat prepared by the most costly processes. He also asserts that the article has some extraordinary and most valuable properties. Thus, it is free from sulphur, may be moulded into any shape convenient for stowage, there is no fear of spontaneous combustion, it can be applied to almost all purposes for which wood is applicable, as well as for fuel; it improves by keeping, is not injured by wet or by cold, is so hard that he has placed it between two deal boards, and screwed them in a vice until they met, and buried the peat in them, left it in that state for two hours, and when taken out the peat in them, left it in that state for hours, without any effect; he has driven a small needle through a block of it, steeped the block in water for two hours, and soaked in cold water for hours, without any effect; he has driven a small needle through a block of it, steeped the block in water for two hours, and when taken out the needle hole was perfect, and could be seen through. Such are the facts as given by the inventor of the new process of condensation; and as the utilisation of peat is of vast importance in many districts, a numerous class of persons will anxiously look forward for their corroboration.

look forward for their corroboration.

Prat Iron.—The advantages of peat as a fuel for the manufacture of iron has long been acknowledged, but owing to the difficulty in obtaining it in a sufficiently compact state to admit of its being used in the blast-furnace it has not been generally introduced. Mr. J. G. Willans, of Belfast, has, however, patented an invention, according to which he employs the peat in a form that it can readily be brought to for treating metals and certain mineral and alkaline substances. When the bog stuff, or peat, is applied for treating iron, his improvements are to mix it in the undries state with the metal previously granulated; also to mould the mixture for being dried for after use in any kind of forge or furnace. When peat is applied for calcining limestone for lime purposes he collects the tarry vapours and gases, and uses one or more jet of water, or stream, to cause a suction for collecting the vapours and gases of the peaf. When ores of iron, or sulphate of baryta, or sulphate of soda, are under treatment, he mixes the bog stuff, or peat, in the undried state with the mineral or alkaline substance, crushed or pulverised; also to mould the mixture for being dried for after use in any kind of kiln. When treating pig or cast-iron he granulates the metal, and prefers that the granules should not exceed 3-16ths of an inch in thickness or diameter, and mixes therewith the peat in an undried state, in proportions varying according to the circumstances; he prefers, however, to take four times the metal's weight of peat in that state of moisture as to show little wet on strong pressure in the hand. If the water be in excess he allows a further quantity of the peat, and if there to no moisture or pressure he takes only three and a half times, and also adds water, so as to render it as plastic as before. He then tempers up the mixture, and casts it into bricks, or other form of lump, afterwards airdaying it, protected from rain or sun. When thoroughly dried, so that the peat therein is half the amount of the charcoal before applied for the melting down of the pig, and he throws the same on the fire, commencing with the charcoal, and applies the blast. To better utilise the peat whilst acting as a calcining fael in contact with carbonate of lime in lime kilns, by withdrawing for condensation and collection the tar and other hydrocarbons contained in the peat, and for withdrawing the vapours, he uses a trompe—a jet of water of any available pressure falling into a pipe 10 or more feet deep and 1 ft. diameter. Down this pipe the vapours are drawn in contact with the water; the condensed vapours are received in a reservoir below, and the uncondensed are driven through another pipe, as in a trompe, to be further treated, if desired. Jets of steam may be substituted for the fall of water, if preferred. In treating iron ores he mixes the undried peat with the ores, which are previously pulverised, and should not contain more than 30 per cent. of earths, carbonates or hydrates, being previously calcined. The iron ore is first analysed, so that the most suitable flux may be chosen. The fluxes are likewise pulverised, and the whole compound is moulded into bricks, to be carbonised preparatory to its reduction to the half the amount of the charcoal before applied for the meltin be chosen. The fluxes are likewise p is moulded into bricks, to be carbonise is moulded into bricks, to be carbonised preparatory to its reduction to the metallic state. He prefers a cupola furnace, 10 ft. high, 3\frac{1}{2} ft. diameter at top, and tapering down to 18 in. at the tuyere, placed 14 in, from the bottom, and snpplied with about 25 cubic feet of air per minute, heated to 350° Fahr. At the crucible, opposite the tymp, he has a removable arch, built to admit of the withdrawal of any iron which may not be fluid enough to run off at the tap hole. He treats sulphate of baryts or sulphate of soda

with peat, and afterwards manufactures them in the same way as if other carbon had been used. His claims include the mixing bog stuff, or peat, undried, with pig or cast-iron in the divided state, and the moulding of the same, before exposing it to heat; the collection of tar and other condensible products given off from the peat whilst used as fael in lime-kilns; the addition to, and intermixing with, ores of iron, pulverised peat, undried, and moulding the mixture preparatory to its being exposed to heat; and the use of undried peat for mixing with sulphates of baryta or soda, preparatory to such sulphates being reduced to sulphurets by the application of heat.

THE COAL TRADE.

The following is a statement of the delivery of coals, &c., in the port of

| London during the month of November: | | CH 1-1 |
|--|----------------|--|
| Newcastie | 22 35 20 | 7,107 4,125 50 4,256 304,751 |
| Total imported in Nov., 1858 | *** | 271,088 |
| Comparative Statement of 1858 and 1859. | | |
| Imported from Jan. 1 to Nov. 30, 1859 | Tons 2,965 | ,739 0 ,685 0 |
| Increase of ships and tons in present year 120 | 49, | 204 0 |

THE RAILWAY COAL TRADE.

| Railways, | Tons cwts. | | Tons c | wis. |
|--------------------------|---------------|-----------------------|--------|------|
| London and North-Western | | Midland | | |
| Great Northern | | South Eastern | 1,854 | 19 |
| Eastern Counties | | London and Brighton | | |
| Great Western , | 3,583 0 | Tilbury and Southend | 126 | 0 |
| | | | | 13 |
| Compar | rative Statem | ent of 1858 and 1859. | | |
| | | 0, 1858 | | |

THE MINING MANIA IN AUSTRALIA.

TO THE EDITOR OF THE MINING JOURNAL.

SIR,-The mining company mania, which had reached its climax about four weeks ago, has met with a decided and salutary check, which has been principally owing to the exposure made by the press, and the exertions of a few honestly-intended individuals, who drew attention to the unsound commercial basis upon which some of these companies have been founded and also to the reckless and unprincipled conduct of some of the projectors. There is no doubt that, badly organised as many of these gold mining companies are, owing to the excellent ground they hold, many of them must, in spite of so many obstacles to the contrary, prove eventually highly profitable investments to the shareholders; and as the management of these companies will improve by experience, so will their prospects become more promising in course of time. It is for this reason that the shares of most mpanies are still quoted at a premium, and there is no question er skilful management they will nearly all shortly realise hand-

some dividends.

The number of applications for mining ground to the Government, under the leasing regulations, is truly astonishing. It is computed from the different mining districts at no less than 2000, whilst the minimum average amount of the capital, as stated by each applicant in his schedule of application, is about 5000l., making thus the aggregate amount of 10,000,000l. This will at once convince you of the confidence which the Victorians have in the inexhaustible mineral treasures of the colony. Amongst those who have applied for mining leases we have noticed some

10,000,000l. This will at once convince you of the confidence which the Victorians have in the inexhaustible mineral treasures of the colony. Amongst those who have applied for mining leases we have noticed some of the first and most respected capitalists, bankers, and merchants.

Gold mining is now, on the whole, by our capitalists looked upon as a steady and safe investment, under efficient management. We have it from one of our principal bankers, that the monetary capabilities of the colony would enable us to go to the extent of 20,000,000l. in mining investments. In a colony, however, where capital meets with ready, secure, and profitable investment in so many other branches, it may be questioned whether the amount required even at present, about 10,000,000l. sterling, can be obtained. In order to furnish you with some facts as to our monetary capabilities, we enclose a detailed list of mining companies formed up to this date since July 25 last—64 in all. The capital subscribed to these companies within the last two months amounts in the aggregate to about 1,542,000l.; the capital invested in mining machinery, plant, &c., previous to the formation of these companies is computed at 2,000,000l. sterling in round numbers, making in all an aggregate amount of 3,500,000l. sterling. The rapid influx of capital in our mines is to be chiefly attributed to the security now afforded to mining investors in procuring fixity of tenure for mining lands, which was formerly impossible. The present mining revoltiars may well be termed the second mining era of Victoria, or the era of capital and skill applied to gold mining. During the former era, manual labour only, without skill, realised the golden treasurers. It is now proved by all well-managed companies, that even a very small percentage of gold in the ore yields handsome profits to the adventurers, provided the ground is secured, and sufficiently extensive to be worked economically. In nine cases out of ten the interest returned on capital in well-managed companies sh

centage of gold in the ore yields handsome profits to the adventurers, provided the ground is secured, and sufficiently extensive to be worked economically. In nine cases out of ten the interest returned on capital in well-managed companies amounts from 25 to 50 per cent., and over. Gold mining in this colony seems to become even far more secure than tin, copper, lead, &c., mining elsewhere. Quartz which yields on an average but \(\frac{1}{2}\) oz. to the ton is now worked with very imperfect machinery profitably; were this quartz worked with such machinery and steam-power as is used in the copper mines of Cornwall, it would pay double and triple the profits. As it is, the machinery used is but seldom larger than 1-25th of that applied in the Cornish mines.

Mining operations require, therefore, to be carried on on still larger dimensions, and in order to effect this British capital is required, of which any amount might be securely and profitably invested at this juncture. It is for this object that we address ourselves particularly to you. The influx of British capital would make us, to some extent, independent of the exorbitant interest demanded by colonial capitalists, and would also place us in a position to work our mines as they ought to be worked. As to the manner how British capital might best be invested in this colony will form the subject of our next letter.

Leicester, Brache, and Teague,
Mining Engineers, Agents, &c.

THE PRINCESS ROYAL MINING COMPANY, SOUTH AUSTRALIA.—The property of this company, which forms the southern half of the Burn Creek special survey of 20,000 acres, was purchased from the Crown in 1845. Several valuable coppered to the world in the company was incorporated being such that an additional amount could not be raised to provide the absolute requirements of the mines, the development of the resources of the property was suspended, from which time until the present, notwithstanding its acknowledged prospective value, operations have not been resumed. Since the northern hair of the survey, belonging to the South Australian Mining Association, comprises the Burns. Burns Mines, the extraordinary values of which is patient to all in any way interested in Australian mining, and the lodes in the southern haif having, at least, been proved of great promise, it appears singular that an decisive steps should ere this have been taken to resume the development of a property which possessed such elements of success; but we believe the cause to have been that the concurrence of all the shareholders in raising fresh capital was necessary, and that such concurrence was difficult, if not impossible, to obtain. Since 1849 very little has been dense beyond collecting and clearing up some of the ores lying at the surface. The company, however, is at the present time in process of being wound-up, and the trustees appointed for the purpose have signified their intention to offer for sale by public auction the company were up of short duration, four promising lodes were opened out; a quantity of rich or raised, which realised on sale upwards of 6500%, but which are present prices would be worth, nett. about 10,000.; and a large portion of the requisite machinery erected. In addition to which there have been found other lodes, containing traces of copper, both one the western and eastern portions of the survey, and forming a basin between the eastern and the other to the western parts of the survey, and forming a basin between

st which the copper ores in the Burra of the western hills. Mr. Pascoe has Burra Mines are deposited, with the galvanic agency of the western hills. Mr. Pascoe has firawn particular attention to the western hills, which are better formed, more mineralised, and have a stronger analogy to that character of country in which most productive mines are found. About 260 fms. bad to be costeaned in the north-western portion of the survey, and three veins were found, varying in width from 6 to 20 in.—The ground is specken of as being the same as that in which the copper is found in the Burra Burra Mines. An abundant supply of water is furnished by the Burra Creek. The northern railway of the colony will be shortly opened to Kapunda, when ealy about 40 miles of ordinary cartage will be ieft between the Princess Royal Mines and the port of Adelaide. As there is no doubt this favourable property will be purchased, and its real value tested, by a vigorous development, we shall again have occasion to call attention thereto, and it is to be looped that the undertaking will prove satisfactory to the promoters, and remmarative to those who may be induced to invest in the enterprise.

BRITAIN'S METAL MINES-No. II.

The great copper and tin districts of Cornwall and Devon being disposed of, Mr. Pike next enters upon the consideration of the metalliferous mines

The great copper and tin districts of Cornwall and Devon being disposed of, Mr. Pike next enteres upon the consideration of the metalliferous mines of the other parts of the kingdom. In other parts of England lead is the staple commodity, although some copper is also obtained. Anglesea is repited to have been the seat of copper mining in the Roman period, but Camberland would appear to have ranked first in importance in this respect, and although the very sarty history of the northern mines is enveloped in obsearity, we find that in 1970 the Duke of Northumberland owned and worked a copper mine in the neighbourhood of Kewrick, which was subsequently forfield to the Crown by Queen Eliasbeth, on account of the ore containing much gold and silver. The supply of copper from Camberland, however, must have been inconsiderable, for in 1870 Staffordshire—was considered the principal copper district; but it was not until half a century after this was considered the principal copper district; but it was not until half a century after this was considered the principal copper district; but it was not until half a century after this was considered the principal copper district; but it was not until half a century after this was considered the principal copper district; but it was not until half a century after this was considered the principal copper district, in the company of the consequence of the conseque

A case of some importance to all connected with mining transactions came before the Lord Chief Baron, at the Court of Exchequer, on Thursday, in which Mr. Thomas Field appeared as plaintiff, and Mr. W. Lelena as defendant. Mr. M. Smith was counsel for the plaintiff, and Mr. Huddestone for the defendant. The action arose out of a contract which was entered into on June 18, of the present year, by which the defendant purchased of the plaintiff a certain number of shares in the Wheal Charlotte, at 21. 5s. per share. The bought-note was as follows:—"Sold—Bought of Mr. T. Field, 250 (1-5120ha) shares in Wheal Charlotte, 5621. 10s.; for payment, half at two, and half at four months.—T. Field, W. Lelena—June 18, 1895." Mr. Montague Smith (the plaintiff's counsel) stated that—On June 27, the defendant wrote to the plaintiff, to the effect "that if the business were not finished to-morrow, the agreement would be cancelled, as the party was very careless about it." The plaintiff then called upon the defendant, and told him he could not give up a share until it was paid for in the ordinary course. He was told that he could not have the shares until the agreed time, unless he thought fit to pay for them before. Thus matters remained until the end of the first two months, when the first half of the shares were to be settled for. On Aug. 18 the plaintiff took all necessary steps to entitle him to the payment of the shares. The mode in which these shares were trunsferred was according to that acknowledged under the Cost-book System. The names of the shareholder being reast and that of the new shareholder entered, the name of one shareholder being erast and that of the new shareholder entered, the name of one shareholder being erast and that of the new shareholder being the state of the shareholder being reast and that of the new shareholder lend that the contract with the defendant to purchase of the share took place in their market value. The shares were sold at a considerable loss, and the defendant having refused to pay th A case of some importance to all connected with mining transaction on the Stock Exchange, where you purchase so many shares, deliverable on such a day—the day of settlement.—Chief Baron: Was there any difference between mining shares and railway shares?—Mr. M. Smith: As to the ordinary mode of transfer.—Chief Baron: What is the consequence of that?—Mr. M. Smith: Railway shares cannot be deliverable on the spot, because the transfers had to be executed.—Chief Baron: But they were represented by something, and the transfer could be had immediately. He did not think they could couple that with the contract in question. The right to the shares was immediately made.—Mr. Huddlestone: The shares were applied for, and the transferror was not ready to deliver them.—Chief Baron: The shares being asked for, should have been delivered.—Mr. M. Smith: The contract was explained by the custom of the market with reference to which such contracts were usually made——Chief Baron: In the true sense of customs, as lawyers talked about, had really no meaning, as legally there was no such thing.—Mr. Huddlestone: The case had been expressly decided in the Court of Queen's Bench, where a contract was made that a discount be allowed if cash be paid within one month. The goods were not delivered until the expiration of that period; but there being no bargain in the contract, evidence was not admissible.—Chief Baron: It would be a matter of extreme danger to allow one trade one law and another trade another law. He felt himself bound to decide according to the case cited, but in a Court of Error be should decide against it. When an agreement was made with regard to the sale of property, the right existed to have it passed; and, therefore, in the present instance, he could not receive the evidence. These would, however, be an opportunity of moving.—After his Lordship's ruling, Mr. Smith sould not see it was clear.—Chief Baron: To allow each branch of commerce to have a segarate law would lead to very great misschle and danger. He did not quite think that the Stock Exchange was the best place to obtain not

THE NEW ENGINE MINING COMPANY.—The decision of the Chief Clerk, disallowing the claim of Henry Hart, a member of this company, for indemnity, was appealed against before Vice-Chancellor Wood, on Wednesday. It appeared that

Mr. Hart, in conjunction with Mr. Robert Page, another member of the company, of tained an agreement for a lease of the New Engine Mine, and another mine, at a galear rent, for a term of 60 years, and the company, without any written agreement, took possion of and worked the mines, and laid out money upon the New Engine Mine; and tondention of Mr. Hart was, that the company had agreed to take the lease of the land from himself and Mr. Page for the whole of term of 60 years, and that he was therefore in the company to an indemnity against a rents and covernants reserved by the ovarjant lease. The minutes showed an agreed by the coursapany to take a lease, but the question involved was whether, upon the or flicting evidence in the case, it could be held to extend to the whole term of the original lease, or only constituted a tenancy from year to year. His Honour reserved his jud ment until Wednesday next.

PURCHASE AND SALE OF IRON.-A case of much interest to the pur-PURCHASE AND SALE OF IRON.—A case of much interest to the purchasers of scrap from was heard in the Court of Queen's Bench on Monday. The plaintiffs were Messrs, Zwitchenbart and Co., of Liverpool; and the defendants, Messrs. Alexander and Co., of Bristol. The action was for the sum of 69th, being the difference between the price paid for 200 tons of scrap from, less freight and duties, and that which it realised upon re-sale. Instead of "heavy hand-picked scrap from" being shipped by defendants to plaintiffs correspondent at Oberhausen, "light scrap from" so forwarded. The defence was, that Messrs. Alexander and Co. had simply acted as shipbrokers in the transaction. They admitted that the from was not equal to that which Oatway, the seller, had undertaken to supply; but contended that they had not undertaken to see that it should be; and, as they had received no commission from the plaintiffs, they could not be held to have acted as their agents for accepting the goods. The jury found for the plaintiffs for the full amount claimed; leave, however, being reserved to the defendants to move the Court to set aside the verdict and enter a nonsuit, on the ground that there was no evidence as to their agency with respect to the acceptance.

SIERBA NEVADA LAKE WATER COMPANY.—The shares of this com-

that there was no evidence as to their agency with respect to the acceptance.

SIERRA NEVADA LAKE WATER COMPANY.—The shares of this company were divided into two classes—A shares and C shares—the A shares being entitled to a preferential dividend of 20 per cent. over the C shares until a dividend of that amount could be declared on the C shares; after which, the two classes were to be entitled metably to the surplus profits. More capital being required, it was resolved to convert 800 A into C shares; whereupon the plaintiff (Bill) obtained an injunction, and another resolution was consequently passed, authorising the directors to obtain an Ast of the Californian Legislature to increase the capital by 30,000?. Bill obtained another injunction, contending that the only mode for increasing the capital was laid down by section 21 of the Act of the Californian Legislature—that a meeting must be called by a motice, signed by a majority of the partners, to be "advertised for four weeks in some newspaper published in that country, and that the resolution must be agreed to by two-thirds of the stockholders.—The Vice-Chancellor was of opinion that the proposal, if carried out, would be a violation of the constitution of the company, and would affect the plaintiff as a holder of C shares, and he, therefore, granted the injunction.—Upon an appeal to the Lords Justices the injunction was discharged, and the costs of the motion in both Courts made costs in the cause.

REPORT FROM MONMOUTHSHIRE AND SOUTH WALES.

[FROM OUR CORRESPONDENT IN SOUTH WALES.]

DEC. 15.—The Iron Trade cannot be said to have improved since our

last report. As before, some of the manufacturers are pretty well employed, while with others it is the reverse. The prices commanded by produce appear to be rather low, and this circumstance may probably tell omewhat on the trade, which, generally speaking, is by no means brisk. The Coal Trade appears to be looking up. An increase has taken place in the quantity brought down for shipment, though we have heard complaints at Newport of the want of shipping, and statements that were vessels to be obtained freights for them might still be forthcoming. A limited liability company for providing shipping for the accommodation of the trade of that port has been suggested by Mr. Powell, the largest coal shipper in South Wales. The town and port will be considerably benefited should the scheme assume a tangible form. In the Aberdare Valley the Coal Trade may be said to be better than for the last six weeks. Nearly all the colliers are in full employ, and a tolerably good demand continues.

The bridge across the River Wye at Monmouth, which is to connect the Coleford, Monmouth, Usk, and Pontypool Railway with the tramways to the Forest of Dean, is now in the course of erection. It will be of wroughtiron girders, and of a span of 150 feet. The contract has been let to Mr. Firbank, of Newport. The girders are being manufactured at the Crumlin Viaduct Works, where they will be made in sections, and rivetted together at the spot required. plaints at Newport of the want of shipping, and statements that were vessels

Firbank, of Newport. The girders are being manufactured at the Crumlin Viaduct Works, where they will be made in sections, and rivetted together at the spot required.

At the last Coleford (Forest of Dean) Petty Sessions, a case of considerable interest to the district was heard. Messrs. Grindell and Hewitt were summoned by John Bailey, labourer, on two informations, the first for the recovery of 24s. wages alleged to be due, inasmuch as the defendants had paid him in flour, cheese, tea, tobacco, &c., instead of the current coin of the realm; and the second for the recovery of a penalty under the Truck Act. The complainant, in the course of his evidence, stated that during the interval of the October and November pays he received three tickets on three several occasions, to the amount of 24s., for goods at the shop of Messrs. Herbert and Barry. For the defence it was contended that the defendants had no interest whatever in the shop, and that they gave the tickets as a guarantee to Herbert and Barry that they would see them paid. The complainant had had tickets before, and he knew, therefore, when he asked for those in question that they were his agents to supply him with goods and to take money for him from the defendants. The solicitor for the defendants further assured the magistrates that what they had done was out of kindness to their men; and Mr. Barry deposed that some time since Mr. Grindell called upon him, and asked him if he would trust his men with shop goods between the pays if the firm were answerable for the amount, and he agreed to supply them, but the defendants received no profit from the transaction. The Bench said it was notorious that the system of truck was carried on to a very great extent in the Forest, but it was always difficult to get the men to come forward to

answerable for the amount, and he agreed to supply them, but the defendants received no profit from the transaction. The Bench said it was notorious that the system of truck was carried on to a very great extent in the Forest, but it was always difficult to get the men to come forward to punish the offenders. None more desired than themselves to see the Truck Act fully carried out; but, they confessed there appeared, in the present case, to be some difficulties, as often happened, it being so hard to prove an interest on the part of the employers in giving tickets. The magistrates ultimately ordered the payment of 24s. without costs, on the first summons; the second being dismissed, in consequence of a doubt existing as to the proof of truck.

We have frequently noticed in our report on the trade, &c., of South Wales, the mountain of hematite and coal mines, &c., situated near Llantrissant, belonging to Mr. Plant, of Staffordshire; and we have now increased pleasure in stating that after years of heavy outlay, dead rents, &c., he has, by the payment of thousands of pounds as a fee to the lessors, succeeded in obtaining a lease for forty years. The difficulties Mr. Plant has had to contend with have been much aggravated by persons who have during the last twelve months done their best to deprive him of his take. We are told that the lease first given to Mr. Plant was a bad one, and some cost had to be incurred in obtaining the concurrence of many parties to give a good and perfect lease; during which time persons were found vile enough to write to and run after the lessors, with no want of pretext for offering to take the mines, and with inducements of no ordinary character, but the lessor was not the man to upset the person who had made his property of value. Parties also, it is said, were found ready to club to file a bill in Chancery, to divert Mr. Plant's attention, and, if possible, upset him. All this is now at an end, and the course is clear; and we are well-informed he can rest contented, as the profit h very soon compensate min for all nis crosses and losses. We inetained a week or two ago that a strong company was forming to join Mr. Plant in the working of all his mines and collieries in the Llantrissant district; and, no doubt, we shall soon hear of a move in that direction. We are told that iron could be produced at less than 30s. per ton, if works were erected on the ground. The extent of the property is about 1000 acres, and the South Wales Railway runs through it. We are also told, by a and the South wheek namely runs through it. We are also told, by a first-class man, that 20,000/t, in addition to the present great outlay, will enable the company to raise 3000 tons of coal per week, and 3000 tons of iron ore; which, if sold at present prices, will make a profit of nearly 100,000/t, per year. We expect soon to see the prospectus, as the property is by far too valuable to remain idle.

Considerable activity in the coal trade has prevailed at Swansea during the past week, unwards of 5000 tons of steam and other coals having been

Considerable activity in the coal trade has prevailed at Swansea during the past week, upwards of 5000 tons of steam and other coals having been shipped for foreign ports, principally to France. Among the imports are 471 tons of regulus, 200 tons of silver ore, and 4 tons of copper ore, per Dalhousie, for Messrs. H. Bath and Son; and 480 tons of copper ore, and 24 tons of copper unwrought, per Deerslayer, for the same merchants. In pursuance of a communication from the Swansea Coal Trade Association, a meeting took place a few days ago at the harbour-office, which was attended by the Docks and Railway Committee of the Swansea Harbour; Mr. Frederick Clarke, on the part of the South Wales Railway Company; Mr. H. A. Bruce, M.P.; Mr. Joshua Williams, as Chairman and manager of the Vale of Neath Railway, as well as the secretary of the company; and by a large deputation of local and district traders. The object of the meeting was to obviate certain difficulties relative to the coal trade of the port, and with the view of discussing complaints which had been made in relation thereto. Several new arrangements were proposed, and Mr. Bruce undertook to bring before the notice of the South Wales Railway directors the difficulties complained of by the traders, with the view of satisfactory the difficulties complained of by the traders, with the view of satisfactory

arrangements being made. We have no doubt the result will be all that can be desired.

arrangements being made. We have no doubt the result will be all that can be desired.

A meeting of the Swansca Coal Trade Association was held on the 7th inst., at which Capt. Derry, R.N., inspector of coal shipped for the Admiralty, was present. That gentleman stated, that at Cardiff all coal now shipped five the Admiralty was screened in loading, and that the same course must be adopted at Swansca, as otherwise the terms of the Government contracts would not be complied with, all contracts now issued by the Admiralty expressly stipulating that the coal should be either hand-picked or screened. The matter was placed before the Harbour Trustees on Monday last, who readily agreed to meet every requirement of Capt. Derry on the part of the Admiralty. It may be added, that the Coal Trade Association, under the energetic presidency of Mr. G. G. Francis, shipper for the Sgaborwen Colliery Company, is likely to be productive of a great amount of practical good in connection with the coal trade of the port, which forms a rapidly growing and increasingly important section of traffic on this part of the coast.

A youth, named Hopkin Hopkins, 19 years of age, died on Saturday last, from injuries received in a pit at the Lon Colliery, in the occupation of Mr. J. J. Strick. By some accident he got crushed by a tram waggon the day previous. An inquest was held on Tuesday last, and a verdict of "Accidental Death" was returned, no blame whatever being attached to any one. Mr. Evans, Government Inspector of Mines for South Wales, was summoned by the coroner to attend the inquest, in accordance with the Act of Parliament, but he did not do so, suggesting, per communication, that there was "no necessity for the coroner to adjourn the inquest." We think the Act of Parliament renders his attendance imperative in all enquiries as to death underground occurring within his jurisdiction.

THE IRON AND METAL TRADES OF STAFFORDSHIRE. [FROM OUR CORRESPONDENT AT WOLVERHAMPTON.]

DEC. 15.-The more favourable accounts of the state of the Iron Trade to some extent justify the opinion expressed a few weeks ago, that the prospects were slightly better. In respect to the purchase of pig-iron, the improvment manifested last week is more decided. A good deal of business has been done, and some of the first-class makers are refusing to sell further at present rates. No doubt makers of manufactured iron have been abstaining from making purchases as long as practicable, and are now going into the market together. Still, looking at the great advance in Scotch pig-iron, and the more favourable accounts which your London and Scotch pig-tron, and the more favorable accounts which your Loonard and Liverpool reports give of the demand for iron, this greater activity in the demand for pig-iron may be looked upon as an indication of a probable improvement in the trade of next spring. The ironmasters' preliminary meeting is fixed for the 29th inst. It is not anticipated that any change will be made in present prices, which are 30s. per ton below the rates previous to the crisis of the autumn of 1857.

In the porth of the country the miners are seeking for an advance of

vious to the crisis of the autumn of 1857.

In the north of the county the miners are seeking for an advance of wages, but the Association of Coal and Ironmasters is opposing their demand in a very decided manner, as entirely unwarranted in the present state of the iron trade of that district. There has been a considerable State of the front trade of that district. The has been a consistence falling off in the quantity of ironstone sent from that locality to South Staffordshire. Nothing more is said respecting the appeal in the Oldbury district which the men have made for an advance in the rate of wages. Unfortunately, the proprietors of coal mines in that district are not associated, as in other parts of the South Staffordshire and East Worcestershire coal field, so that there is no one whose special duty it is to reply to the men's appeal.

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In the Hardware Trades there is no particular change. As Christmas approaches there is usually a disinclination to order goods beyond what are absolutely necessary, many shopkeepers selecting that period for taking stock. Tin has again been raised 3s. per cwt.

In the case referred to in the Journal last week of a man killed from a skip being carelessly drawn over the pulley at a coal-pit, the jury returned a verdict of "Manslaughter" against the engineer. In a case of this nature, tried at a recent assizes at Stafford, the judge said that it was stated that an invention existed which would prevent the recurrence of accidents of this kind, and that if this were so, great blame would attach to any proprietor of a mine who neglected to adopt the means of guarding against an accident so frequent in its occurrence, and generally so fatal in its results. It appears pretty certain that such accidents can be effectually prevented by the adoption of apparatus of a by no means expensive character; and without going into the question of the respective merits of the various contrivances which have this object in view, it does appear strange that so much indifference is manifested on all hands in regard to the adoption of some of these appliances. At any rate, the matter should be inthat so much indifference is manifested on all hands in regard to the adoption of some of these appliances. At any rate, the matter should be investigated, and the practicability or otherwise of these inventions determined. The difficulty to contend with in these cases is the spirit of false conservatism which is embodied in the placid satisfaction with which some of the characters in Mrs. S. C. Hall's Irish Tales justify their disregard of all improvements, by the excuse, "Sure, it was always so." It is the duty of the press, and especially of the Government Inspectors of Coal Mines, whose appointment has the saving of human life as its direct object, to disturb this calm, indifferent spirit, and urgently to call attention again and again to claims which all propositions for saving human life have upon the consideration of the proprietors of mines. It is to be hoped that the day is not very far distant when a safety apparatus to guard against accidents from over-winding will be as essential a part of all colliery winding apparatus as a safety-valve, a steam-guage, or a break. It is very doubtful whether the two latter appliances are as yet by any means universal in South Staffordshire.

During the strike of the colliers, which lasted for so long a period in the

South Staffordshire.

During the strike of the colliers, which lasted for so long a period in the Oldbury district last year, the great subject of complaint at the meetings was the butty system. There can be no doubt, as has often been stated n this letter, that the contract plan of getting coals involves great evils. The contractors are, as a rule, hard-hearted men, who strain every nerve to make the most of their contracts, and, no doubt, the working miner is often compelled to submit to unjust exactions. One of the most common and most glaring forms of evil which result from the system is the plan of requiring men to pay for so much ale out of their wages, and their being paid at public-houses which are kept by the butties. Mr. Tremenheere, in a recent report to the Government, states that—

in a recent report to the Government, states that—

"Mr. D. G. Round, of Portland House, Edgbaston, a magistrate for the county, and a considerable employer of colliery labour, informed me that nearly twenty years ago he abandoned the butty system, and he is so satisfied with the results that he should never think of returning to it. A few other gentlemen also informed me that they had introduced the other plan in some of their pits, and that they found it to their sadvantage; the conditions of success apparently being—first, a very intelligent, sufficiently instructed, and thoroughly trustworthy agent, under whom to place the working of the pits; and, secondly, a well-selected set of men. It is obvious that those two conditions could not, in the present state of the district, be combined to an extent to be capable of general application. The difficulties, however, have not deterred other gentlemen from turning their attention again to the subject. Mr. James Bagnall mentioned to me that he hoped soon to be able to make a trial with the new system in one of his numerous pits, which would be selected with reference to the facilities of working it without the intervention of a contractor. Mr. Thomas Bagnall, jun., also expressed his intention of making a similar experiment."

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He admits the difficulties of at once changing the present system,

"It is asserted by masters most desirous of promoting every good work in the district, that the number of men addicted to drinking habits, and who consequently lend themselves willingly to the butty system, which ministers to those habits, prevents any decided stand being made by the men themselves, as a body, against it; also that the insubordinate habits of a large proportion of the men prevent their being dealt with by the masters directly as effectually as through the butty; and, consequently, that in a great majority of cases the only mode of getting the mineral economically worked is to give the butty a direct interest in it."

There is much truth in this statement. It is generally understood that butties will take contracts at low rates when allowed to keep public-houses, and no serious effort on the part of workmen to free themselves from the evils incident to the butty system is ever heard of.

IRON IN LINCOLNSHIRE.—The neighbourhood of Kirton Lindsey, Lincolnshire, has been found to abound with iron ore. On the estates of Mr. T. M. Richardson and Mr. E. Tickler ore has been discovered, yielding a very heavy percentage of iron. Works are to be commenced, and sanguine expectations are entertained as to the results which will be schieved at them. Sidings are to be at once begun to facilitate and improve the railway communication, and it is expected that employment will soon be asforded in the neighbourhood for several hundred men. Of course the anticipation formed on the subject will have to stand the test of time; but if they should prove correct the character of the district will soon be greatly changed.

REMOVING INCRUSTATION PROM BOILERS.—Under the supervision Mr. G. Murdock, some important experiments upon the removal of scale from have been made on board H.M. steamer Wallace, at Portamouth. The process of in introducing superheated steam at a temperature of 400° Fair.; this splits scale, and upon water being again introduced the boiler is thoroughly cleaned,

WHAT IS SAID AND DONE AT THE "CORNER."

THER MINING JOURNAL.

WHAT IS SAID AND DONE AT THE "CORNER."

There has been much more activity in the Mining Share Market during the past firingish, and a large number of shares have changed hands, segocialty in the progressive or specialtive smine. A grant image improvements have been reported in the different county are locking, upon the whole, romarkably will, and the smining interest agreement had a tendency to give increased antimation to the share market. The mines in the county are locking, upon the whole, romarkably will, in consequence of a telegram adult to the county of Conwell as well as the poult-west of Davon.

Ware Cakanot on the county of Conwell as well as the poult-west of Davon.

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From Mr. James Crofts:—The stimulus given to mining by the establishment of a Mining Exchange, so far from being a common-place matter of fact, is of a character partaking of the marveilous, in relation to its effects. The crade state of things in the so-calied market previously to the advent of the present association may possibly have tended to heighten the contrast between yesterday and to-day; but the fact remains—that the means of rendering transactions in shares legitimate have gained a wonderful degree of supremacy, and the sound basis on which the business is now to be conducted as a rule, instead of as an exception, encourages the best hopes of all well-wishers to success of mining. It will be admitted that an institution possessing sufficient members (we do not even allude to the number) to take its transactions, openly conducted, out of the category of exclusiveness, and admitting them into that of publicity, has a maximum of chances of success, ac opposed to the opposite tactics of its predecessors, who, with the best possible intentions, by mistaking their real interests, aimed at too much for themselves, and left the public as much in the dark as to how they could best invest in mines as before their attempts at organisation. The effect of the present institution even upon the few members of the Stock Exchange who deal in mining shores is of a marked character, since it brings the prices of shares into closer collission as between one Exchange and the other, the Stock Exchange being at present mere dealers in mining stocks, there would already be established a closer relative connection between the two "houses," since in the case of a large holder of shares being out of the paid of prices of the day in the open market, either to buy or sell, the distant speculator, or investor (especially if an old councetion), may be easily misted on the question of price—value being a contingent one—it being a well-known fact that business transacted outside the Stock Exchange by its members can be, at their opt From Mr. JAMES CROFTS:-The stimulus given to mining by the esta-

embraced every description of shares presenting favourable issues, either as to forthcoming dividends or improvements in the lodes. Amongst these, as a speciality, is Pextry Wood, in which a lively business has been done, at prices varying from 3 to 3½. This mine, in common with most others in isolated districts, has been exposed to the jeduciates of individuals who, probably entertaining theories inimical to the progress of mining in particular localities, or from worse motives, take narrow or prejudiced views, and den hesitate to disseminate them through an impartial Journal. On this particular question, however, a latter from a perfectly disinterested source, addressed to the writer, slates that "I have just returned from a visit to Felyn Wood, and unhesitatingly say it is a splendid speculation. From the immense pile of ore already turned out ready for market, and the activity displayed in every part of the mine, any one possessing even a limited idea of mining, cannot but asknowledge this a wonderful discovery." It is essential to state that this extract is entirely unconnected with the office in which the management of the mine is at present located. Amongst the shares which have this week experienced sudden and large advances in prices may be mentioned Roszwankz Universe, which had receded to the miserably low price of 28, and are now nearly to 45. The Gireat Retallack shares have undergone a complete resuscitation, and been very largely transferred to the speculative public, which their present low price warrants in every respect. Holmesus, Kelle Barx, and Tamala Cossolas range 10 per cent. higher Tresowers has also met with sudden success, and from 4 have advanced, with numerous buyers. 16 %. Cycarsoo, as a concern new to the public, has deservedly met with bayers. It would be difficult to point to a more promising lead mine, but the modesty of the promoters has failed to state that nearly 500. of finds are in hand, and large returns of ore about to be made. Giarrich and Syr. Auxw shares are steady at

number of both dividend and progressive mines, there is still a perfectly safe business to be done. The mining market every day claims and receives more attention, and it is no exaggeration to state that the soundness of the business as it has been lately constacted is becoming failly more manifest in its effects—that of giving large profits. The calm state of the political world, the cheapness of money, and the healthy condition of trade and commerce, all leading to the accumulation of spare capital, it is confidently predicted wilt very shortly piece this branch of business on an elevation from which nothing can dislodge it. These circumstances taken into consideration, the writer unhestatingly advises immediate and large investment in established mines.

Pas. Fraidax.—Hissarus Dows (a corruption from the Saxon, Hascaur Down) is in depth. The ores of this mine raised during the last two years have averaged upward of 6. per ton, but now reported to be of richer quality, probably worth 8i, per ton. The mine has been many years at work, in consequence of the "ground" being exceedingly hard, but the perseverance of the adventurers has led them below the hard upper simm into more inexpensive ground for working. The latest news is that they have a lode in the shaft worth 14 tons per fim., and another lode worth 6 or 8 tons. The shares within the recollection of the writer have been 18, and as low as 4, and are now early 5 to 5½. No improved concerned is likely to realise large profits to the public more speedily. From Patrix Woods, a private and reliable report states that for the 40 tons of mixed ore (copper, cobalt, and nickel) 10/, per ton has been offered by the smelters—a momentons fact, there being reported larger parcels of the same cres both on the surface and underground. Windows Cossoas meeting is on Dec. 23, when a 24. dividend is to be declared. Straay Pank continues in demand at 19 to 20. It is reported that at the approaching meeting a call of 3i, per share may be made. East Russett gains in solidity

squal to upwards of a quarter of a million see amonts, account norms, as, also, the apac of the column is Devero Cassols, 85, per 160, per share, and at the base Carn Galver, 100, per share. The advanced 34, per 160, per share, and at the base Carn Galver, 100, per share. The days of the public for investments in tin mines.

From Mr. Howard Courte:—The market has been continued favour of the public for investments in tin mines.

From Mr. Howard Courte:—The market has been cone. Important improvements in several mines have contributed to promote dealings between the jobbers when the contributed in the same ratio as mines, which is the contributed to promote dealings between the jobbers intributedly at This is almost the only class of property that is association to be becoming intributedly at This is almost the only class of property that is associated becoming intributedly at the property of the per cent. In one day, witness the case of East Caradon, which a few weeks since were bardly saleshie at 36s, witness the case of East Caradon, which a few weeks since were bardly saleshie at 36s, are now 65, ed. to 6s; at this price there is margin enough for a 10s, rise. I advance in one day from 10s. to 30s, per care, all Research Caradon Wheal Rioger and advance in one day from 10s. to 30s, per care, all Research care in the sales and advance in one day from 10s. to 30s, per care, and Research and the sales and t From Mr. EDWARD COOKE:—The market has been very animated

From Mr. Lelean:—As anticipated in our last remarks, several of the mines enumerated on that occasion have risen considerably, and we predict a great advance in Rosewanne United. Whele Medical States are two or three months. Rosewanne United, in 1856, were selling at 1801, per share; since then, until about the laster end of last and the beginning of this year, the prespects were very gloomy, when there was a good discovery made, and shares rose to 701.; but during the last six weeks, however, the ends of the mine became poor, after passing through a large, orey, rich lode for several fathoms, and shares were almost unsaleable at 301. There has been a rich discovery in the 80 fathom level west, which is now worth 1901, per fathom; this is the deepest level in the mine, and the lode is reher here than in any other part. There is an immense quantity of ore ground laid open, and all the machinery and plant in first-rate working order. There are only 512 shares in the mine, and the total value, according to the present market price, 20,0001, for the mine; therefore, we shall not be surprised to see them 1001, or 1001, each again. Eart Whisak Russell is opening well; the lode in the 77 fm. level east, which we alluded to three weeks ago, was then poor; it is now worth 601, to 701, per fm., and the lode in the same level west 301, per fm.. The lode in the 88, immediately under this, is driven upwards of 16 fms. through a rich course of ore, valued at least on an average at 801, per fm.; the lode in the present end is worth from 1901, per fathom. In the 66 this same lode has been driven 40 fms. through a course of ore ground, varying in richness from 1701, to 201. per fm.; and assuming these facts to be correct, there are 22 fms. of ore ground now standing between the 68 and 84, and taking it only from the present end of the 88 fm. level, 15 fms. from where it was seen and discovered, will give 34 fms., and, say at the very least calculation 601, per fm., will be equal to 17,0004, worth of ore already discovered; and ground now standing between the os and es, and taking it only room the present ent of the 88 fm. level, 15 fms. from where it was seen and discovered, will give 39 fms., and, say at the very least calculation 501, per fm., will be equal to 17,0004, worth of ore already discovered; and it must be borne in mind that every fishtom driven in the 88 will give 22 fms. of backs, which at a low estimate will yield (say) 501, per fm., or equal to 11004. According to the isst setting the men should drive 6 fms. per month to make wares. Another important fact is that the engine and Homersham's shafts are down to the 100; the latter is about 20 or 25 fms. behind, or west of, the ore ground in the 88, and will take about three months to reach it, when there will be an additional 12 fms. of backs, and if the lode should prove rich here, as in the levels above (or which there is no doubt, by appearances), its wealth will be almost incalculable. We have gleaned these particulars with great trouble and expense, hoping they may prove beneficial to those interested. At Norra Roseras, within the past fortaight a rich lode bas been discovered in the 174, at Penere's shaft, where 5 ft. or soil yellow ore has been cut into, yielding, it is computed, 10 or 12 tons per fm., worth 101, per ton. The shares are only 700 in number, now selling at about 304, each, or 21,0001, only for the entire mins. The machinery and plant are of the best description, and the agents firmly believe that they are on the top of an immense deposit of ore; this great discovery of copper, in addition to the tin ground laid open, has caused a great demand for the shares, and in the next three month's we shall not be surprised to see them rule very high—in fact, 504, 804, or even 1004, each. It should be remembered that this mine adjoins the finance West Scton, which is about the richest in Corawall. Providence and Maroarer uniter to improve. Tractor is short in the continuous for the shares; as they are both promising young mines. Chipponic leoking well. Supric be required to develops the resources. Wast Fower is improving, and shares are in demand, at 62, 104, the mine is looking well. Huseston Down is spoken highly of and the shares are likely to advance. On the whole, we consider the market very healthy, as all good shares are eagerly sought after, and the bad entirely neglected.

MINING NOTABILIA.

GRAMBLER AND Sr. AUBYN.—They have sampled 111 tons of good opper ore, and expect to have a larger parcel next time. The lode in the shaft is sking better, and, on the whole, the mine is much improved lately. At the meeting December it is expected that a dividend of 31, per share will be declared.

The Trivisa Mining Co., on Thursday, sold 170 tons of blende, for 600% The NEWTON COMPANY have sold 230 tons of manganese, and will ushortly be ready to deliver further quantities. The low cost at which it can be raised will always ensure a large profit on sales of this mineral. About 200 tons of hematite one of superior quality are on the bank. The produce of the two ores is likely in a short since to repay the entire cost of opening the mine.

GREAT WHEAL FORTUNE, from present state and prospects, is worthy attention, and possibly before the next meeting will make a considerable rise. A discul is expected, for the first time, after an outlay of about 33,000?, in the development underground operations, and the erection of efficient machinery.

of underground operations, and the erection of efficient machinery.

The DOLCOATH MINE, one of the oldest in Cornwall, after a few years of poverty, has now become the best tin mine in England, and the results realised here show the folly of placing too great confidence in what are often called practical men. About the year 1836 the bottom of the mine was inspected by the "knowing cass" of that day (from a district that was then rich, not seven miles off), as pronounced to be worthless, although the present mass of the ground had actually been cat at two points. The adventurers, placing more confidence in those wise men than in their own agents, stopped the mine; and when a proposition was made by the managing agont, who knew the value of the mine; to again draw out the water and work the tin ground, one of the largest holders of shares still persisting in the old impression that the mine was worthless, they sold or almost gave away their shares, and the firm lost by that act something like 28,000. The mine is now making a profit of about 24,000, a year, with a reserve of a quarter of a million isterling. A year of two since a writer in a contemporary, indulging himself in a day dream, proved (to his own astisfaction at least) that no Cornish this mine could possibly pay the expense of working below a depth of 100 fms. In this old mine, and also in Cook's Kitchen tin-shaft and Cara Brea, we have a few facts to place before this ingenious dreamer, should be over awake again.

Streraming.—An old tin miner, well acquainted with this district, has

STREAMING.—An old tin miner, well acquainted with this district, has lately made a communication to a party at Plymouth of an important discovery of stream tin close to the liver Ermo, about a mile above the celebrated Ivy Bridge Viaduct. This alluvini deposit is from 4 to 6 ft. deep, and is impregnated with fine-grained black in from the bottom nearly to the very surface. The superficial area of this deposit is probably not far from 4 acres. It is well known that extensive the works, commonly called Erme, or Arme Pits, were formerly carried on at the head of this river.

Rosewanne Ilysten.—At the meeting held in Cornwall on Monday.

Exme, or Arme Pits, were formerly carried on at the head of this river.

ROSEWARNE UNITED.—At the meeting held in Cornwall, on Monday, Mr. Murchison, of 117, Bishopsgate-street Within, was appointed Loadon agent, to whom seports and all information for the henefl of the shareholders will be sent. We understand that there are only 80 (812th) shares held in all Cornwall, while in London alone there are 199, and, adding the neighbouring counties, the number is near 300, and north of London about 50 more. It is no wonder, therefore, that the shareholders out of Cornwall required a more central and convenient place for obtaining information about their property, and we believe it is intended to have at least one general meeting in the year in London, a most desirable opportunity for shareholders who cannot go all the way to Cornwall, meeting together to discuss the position and prospects of the undertaking, and saccling their managing agent. We are giad to add that at present the mine looks well: the lode in the 80 west is not yet cut through, but is worth at least 1001, per fathom, and daily increasing in value: and the shaft is down within a few feet of the 90, where there are good stones of copper ore; and, when levels are opened out there, it is probable that tresh valuable discoveries will be made. This discovery of a rich lode in a deep level is very importuant, not only this mine in particular, but for the district in which it is situated. We believe the requisition for a London agency was signed in less than two days by the holders of 100 shares, and had time permitted a much larger number would have signed. Since writing the above, advice has been received that the lode in the 80 is worth from 1201, to 1500, per fm., and not cut through, one worth 251, per fm.

At North Downs, Pryor's lode has improved, now worth 251, per fm.

is worth from 120f. to 150f. per fm., and not cut through.

At NORTH DOWNS, Pryor's lode has improved, now worth 25f. per fm. The lode at the shaft sinking 5 fms. below the 40 is worth 35f. per fm. The lode at the shaft sinking 5 fms. below the 40 is worth 35f. per fm. The agent has act a pare of men to drive the 40 west; if ore is net with here, it will be of great importance to the mine. Altogether the prospects are first-rate.

NORTH WHEAL PROVIDENCE.—A deputation from London, accompanied by several influential gentlemen from Plymouth, visited this mine last week, and were highly gratified by its geological position and the Indications presented by the numerous lodes traversing the sett. The miners are busily employed in clearing the level on the St. Ives Consols lode, as also a cross-cut to intersect the Wheal Tremvith Inde. No doubt exists of the speedy development of the rich ores known to be in this sett. The mine is east of and on the same lodes as those of St. Ives Consols and Wheal Trenvith. The St. Ives Consols, on an outlay of 7520f., has already paid in dividends upwards of 440,000f.; and Wheal Trenwith, upon a very small expenditure, has paid in profits to the adventurers a sum exceeding 70,000f. There is a junction of granite and killas in the sett; and the whole of the Indications justify a conclusion that certain, speedy, and eminent success will flow from a judicious working of this mine.

Huckworthy Bridge Mine is further improved at the bottom of the

HUCKWORTHY BRIDGE MINE is further improved at the bottom of the aft: they are raising some fine stones of yellow ore and cobalt of rich quality.

New East Russell...—The shareholders in this mine are again in high spirits upon the renewed improvement in East Russell, from the encouraging fact that all the courses of ore in the latter are in close proximity to the boundary of New East Russell, where there is every prospect of a discovery which will speedily enhance the value of the property. Every exertion will be made to sink an engine-shaft at this point with all speed, and a decidedly favourable opinion exists, especially as East Russell lode passes through the entire length of New East Russell sett.

At West Caradon, the bottom levels are very much improved: the ine is looking splendid at all parts, and it is now paying as much dividends as its rich lighbour—South Caradon. The floors are full of ore, and fresh discoveries are looked

for daily.

Great Hewas.—The south lode has been cut in the 76, West Mine; it is found to be large, producing excellent work for tin, and promising further improvement. The 24, 46, 56, and 66 are all yielding fair quantities of ore. In the Eastern Mine, the 106 and 116 are both in good ground, and turning out fair tin work. The ground in reserve throughout the mines is steadily increasing, and the returns must be consider.

ably augmented.

DEVONSHIRE SILVER LEAD MINE.—A gentleman holding a prominent position in connection with mining in Devonshire writes:—"We find by disiling more carefully that the men have been driving on the eastern icde, and shall, therefore, crosscut from our present end to the western icde, where we shall come into good backs, and, in my opinion, in the centre of a good bunch of lead. They have cut the lode very good in a trial pit north of the former shaft, which confirms my opinion on this point. We shall have a good thing in this mine." The writer confirms this opinion from recent personal survey, and the bons jude character of this adventures may justly claim from capitalists an investment of funds, which will assuredly bear profit as the lodes are developed.

se developed.

Harwood, and am happy to say that it continues good, worth 24 cwts. of ore per in at Harwood, and am happy to say that it continues good, worth 24 cwts. of ore per n. The ore is also setting up in the back even better than the drift, in kindly ground driving at 40s, per fm. There is no indication to show that this vein has been worked the "of men" in the ground east of this, and if it should be found lying to the north whole ground (of which I have co doubt), you may expect great results.

MINING TO THE WEST OF DEVON GREAT CONSOLS.—Two of the most promising and interesting undertakings in this direction are those known as the Great Wheal Martha and the Trebill Mines; the Devon Consols lodes run in a direct line through these properties, and they are now well known by the many favourable reports that have from time to time been given by various mining authorities of high reputation. At Wheal Martha overy exertion is being made to complete the erection of a very fine engine, and the directors have this week catered into a contract with Mr. Gray, of St. Austell, for the completion of all the necessary pitwork, pumps, mine buildings, &c., to be finished in six weeks, under a heavy penalty; the mine will then be forked of water to the 40, and large returns of ore commence. During the former workings great quantities of mundic were raised, which at that time was of no value, buts company is about to erect arealical works in the neighbourhood, and a ready market will be obtained for any quantity of the mundic, at a remunerative price. At Trebill Mine the whole of the machinery is completed and in fall work, and this week an exceedingly rich lode has been cut in the 30, superior to anything that has been discovered in this locality before, and worth 12 tons of ore per fm. Therefore, at each of these undertakings there is now every prospect of a thorough test being made at a sufficient depth to degide whether the surprising riches of the Devon Consols Mines do continue as productive in this direction. The projects are both locked upon with unusual interest, and with a full assurance of ultimately being successful.

Breez Consols (Towednack).—Having to pass through these mines on MINING TO THE WEST OF DEVON GREAT CONSOLS .- Two of the most

ance of uttimately being successful.

Brea Consols (Towednack).—Having to pass through these mines on my route from North Providence to Wheal Sperries and Wheal Conqueror Tin Mines, now about to be re-worked, curiously tempted me (knowing most of the shareholders) to look in and over the mine. To my surprise, I sound a large engine in course of erection, and a plant on the ground, indicative of active and determined operations. These remarks pertain to the Trevisa, or southern part of the mine. On examining the works already executed, I found a capital engine-shaft, collared, cased, and divided in the most substantial manner down as far as the 22, with footway in and complete, good whim erected, all the engine on the ground, with boiler preparing for being lifted into its place, evidence see nursupased, and stamps ground, dressing-flows, &c., being laid out, as that already executed, I found a capital engine-shaft, collared, cased, and divided in the most substantial manner down as far as the 22, with footway in and complete, good whim recreted, all the engine on the ground, with boiler preparing for being lifted into its place, rotary gear purchased, and stamps ground, dressing-floors, &c., being laid out, as that the whole plant can be brought link owrking order in about two months. On examination I found the strata to be precisely similar in character to the Ramom and Rosewall and St. Ives Consois, to the west, and in the strike of which the mine lies. The mine is said to have been abandoned at the period of the low prices of tin, when so large a number of mines were necessitated to succumb. Report also says that as soon as the mine is drained many pitches for tin may be set at a good tribute, and men in my presence offered to take them as soon as their presence underground is practicable. On inspecting the burrows left. I found numerous stones of good tin, and several of the burrows I should recommend to be stamped down altogether before any of the richest work be brought under the new machinery, as a waste always naturally takes place until the at the former period would not pay for returning, but at present would do well. The Brea part of the mine next attracted my attention. Here I was surprised also to see so much preparatory work done; roads made in the most difficult places on the edge of the citif, an engine for hauling erected, a good shaft sank to the 25 fin. level, collared, cased, and divided, with ladder-road in, but works are now suspended until the large engine shall be creeted, a wise economy; a good shaft sank to the 25 fin. level, collared, cased, and civided, with ladder-road in, but works are now suspended until the large engine shall be creeted, a wise economy; a good shaft sank to the 25 fin. level, collared, cased, and civided, with ladder-road in, but works are now suspended until the large engine shall be creeted, a wise economy; a good shaft sa

works have been exceuted underground, all of which are available to the prescration of the mine; but the adventurers need not deceive themselves by the vain hope of having a rich mine until they shall have developed ground to raise tin; tree, considerable quan-lities may be presured from the upper levels to aid the expenses, but depth must be ob-tained ere any vary large returns can confidently be hoped for. At surface there are about 1001, worth of tin ore of the richest quality, termed diamond tin, large blocks of which have been presured from a small bunch met with in driving; this discovery is probably the back of a bunch that will be met with at a deeper level. On the whole, I feel great satisfaction to think my friends have failen in with such a good property, were lispinging so much energy, so ably carried out by the agents—in short, every department appears to be doing their utmost to their own honour, and most certainly to their own profit.—Grounce Herwood.

EAST TREFUSIS.—In consequence of a requisition for a London agency, signed in about two days by the holders of about 200 (1000th) shares, Mr. J. H. Murchison, of 117, Bishopsgate-street Within, was appointed, and reports and other information for the benefit of the shareholders will be sent to him. The requisition would have been signed by a larger number had time permitted.

been signed by a larger number had time permitted.

Therowers.—This is one of the great prizes of the day. It is only necessary to read the reports of the manager to see that a rich mine is being rapidly laid open. It will be one of the principal new dividend mines of 1869. It is on the same lode as Great Aifred and Aifred Consols, which together returned a profit of some hundreds of thousands of pounds sterling. The operations are under the management of Capt. Thomas Richards, so on of the respected manager of Raseets, who has also the superintendence of Rasewarne United, Wheal Kitty (Lelant), Trencrom, and other successful and legitimate mining oncerns. Treloweth shares are at present 7½, but are fully expected to be soon 20.

PELYN WOOD has been the chief attraction during the week, shares having been in demand by several induential firms in the West of England. The nature of the ores is not yet known, the cobait and nickel buyers being principally in Birmingham and Liverpool. One firm lave offered 10t, per ton, and value the cobait at from 50t, to 60t, per ton. It is decement advisable by the committee to prepare 100 tons, and offer it for sale at the ticketing at Trure, rather than secrifice it to private buyers.

and offer it for sale at the ticketing at Truro, rather than ascrince it to private buyers.

DEVON BURRA BURRA.—The discovery continues to hold good both north and south, and is fully expected to yield sufficient lead to pay the cost of the mine, if not a profit. The shaft is being sunk on the copper lode, which presents unmittakable evidence of an immense deposit of copper ore near at hand. This iode having been stated by competent authorities to be a continuation of the Devon Great Consols main iode, it is watched with great anxiety by the leading men of the locality, not knowing one week from another but that Devon Burra Burra may prove equally as rich as this noted mine.

is watched with great auxiety by the leading men of the locality, not knowing one week from another but that Devon Burns Burns may prove equally as rich as this noted mine.

TREFULACK UNITED MINES.—A highly respectable proprietary is in course of formation to work these mines, which are celebrated for the richness of their tin ores. In a former working considerable profits were realised, at a time when tin was scarcely more than half its present price. The mine is only 40 fms. deep from the surface, and rich courses of itn are now standing in the mines, varying in value from 20. to 1004. Der fm., and the late agent confidently asserts that 80 per cent. per annum profit can be made in a few months after the water is in fork, and be gradually increased as the mines are developed. A prospectus appears in our advertising columns.

CAMBORNE VEAN MINES.—It being rumoured that an endeavour will be made at the ensuing meeting to plage the pursership in other hands, Mr. Blews (the present purser) has issued a circular, in which he lays before the shareholders a statement of the improved condition in which the company is at the present time, compared with its condition when he received the pursership. "At the time he took the office, about twelve months since, they owed to various persons, merchanix, and others, no less than 2473t., whilst at the present time, notwithstanding their having bought in goods to the amount of 1512t, their debts are but 500t, the sum of 3020t, having been paid off, in addition to a very heavy outlay having been met during the period, and in the face of calls having been reduced 50 per cent. On entering upon the duties of his office he found the arrears of calls were over 2000t, yet with persoverance and uncasing effort he obtained in a very short time the whole of the arrears." The late purser (Mr. Vawdrey) made a claim upon the adventurers for 160t, but upon arbitration it was decided that Mr. Vawdrey was indected to the company ner in lates the with an opposition from genitemen who have, dur

WHEAL CAROLINE.—On this mine is now erected a 70 in. cylinder steam WHEAL CAROLINE.—On this mane is howevered a roun-cylinder scalinguine, with two bollers of 12 tons each. The mine is drained to the 20 fm. level, or H fms. from surface, and the prospects of success are of the most promising character, udging from the appearance of the lode in the add level, as well as from the discovery recently made at West Trevelyan Mine, immediately adjoining the sett. The greatest hopes are entertained in the neighbourhood of both mines becoming very profitable undertakings. Large returns were made formerly west of the present operations. Mr. A. Bennett, of Marazion, is the purser of Wheal Caroline.

Hannett, of Marazion, is the purser of Wasai Caroline.

The Erry Vane Mine.—A highly influential company has been forming for some time past, for the purpose of working an extensive mining property in the parish of St. Teath, on the north coast of Cornwall. Lead and antimony, to an extent canbling immediate returns, have aiready been discovered, but the chief object in the company's operations will be the development of a deposit of white iron, which extents in the sett to a great extent, as well also a large course of amethyst spar, an article hitherto nearly usoless, but which recent discoveries have made of great value. It is alleged that contracts for the supply of above 1000 tons of this article have been entered into. The 'prospects of the enterprise are considered second to none; however, of this more particulars shall follow next week.

Nonzu Procupanyer, Mines (St. Iyes)—The company to work this

into. The prospects of the enterprise are considered second to none; however, of this more particulars shall follow next week.

NORTH PROVIDENCE MINES (St. Ives).—The company to work this mine, or rather series of mines, being completed, the consulting engineer, Mr. George Henwood, was here with full instructions to fix the place for, and proceed immediately with, the erection of a competent engine, and all suitable buildings to work the mines with vigour and effect. The lodes are supposed to be those of the Treuwith and St. Ives Consols; from an adlt driven on one of them a very large quantity of copper ore has been raised, the lodes have been found to run for great distances, the sett is very extensive, and is north of the Margery Mine, now about to commence paying dividends. The undertaking is highly spoken of in its locality, where shares would be readily subscribed for if they could be obtained. The junction of the true killas with the granite and greenstone occurs in the sett, a small patch, or dyke, of the latter existing on the sea shore at the extreme east of the land, but the sett has been extended by a grant from the Duchy to a considerable distance seaward, where two extensive cross-courses are known to exist. On the west, at a distance of only a few fathoms from the present end driving in that direction, a cross-course runs north and south, from which fair stones of copper ore have been broken at the very surface. Under these circumstances, the company have ordered the level to be at once prosecuted with vigour, and men have been set to work to clear out and secure the level. We shall have occasion to report more fully on this property in a future Journal. It had been in abeyance for the last 35 years, in consequence of disputed rights and political quarrels, it being in the very town of St. Ives, the lodes running directly under the houses. The sett has been granted by the Earl of Mornington, at very liberal ducs—1-18th.

Great North Tolous.—During last week a large party of gentlemen

at very liberal dues—1-18th.

GREAT NORTH TOLOUS.—During last week a large party of gentlement visited this mine, which is now attracting considerable attention in this neighbourhood and is daily visited by engineers. The whole company is formed. So much satisfied were they who came to the mine that it was determined to creet an engine forthwith since that time, the inspecting and consulting engineer of the mine has been sent down. A new 45-in. cylinder has been purchased, the necessary buildings and stores contracted from a series whim and crusher, the whole to be completed by March 1, under a heavy penalty. The parties are principally the same as at the Felyn Wood, and it the same contractors who have displayed so much energy has been confided the erection of the plant at the Great North Tolgus. The recent discoveries fully warrant these active and extensive preparations. The lord proprietors, we are glad to say, evince every disposition to favour the undertaking, and encourage success; a favourable comparison indeed, to some we could name. The engineer has had an interview on the subject, and received the most polite and prompt attention. The mine abuts on the Old Tolgus Mine is on parallel lodes, and one of which is supposed to be the great Secton lodes. Operation have been executed on them in every instance with success; a large pile of rich coppegre affords the best evidence, and the daily addition made to it proves its continuance.

BOHEMIAN COAL COMPANY.—It was inadvertently stated in last week?

BOHEMIAN COAL COMPANY.—It was inadvertently stated in last week's Journal that this company expected to raise 800 to 1000 tons of coal daily; it should have been 80 to 100 tons daily.

UNIVERSAL MARINE INSURANCE COMPANY.—The success which has attended the inauguration of the Ocean Marine Insurance Company has induced the introduction of a project similar in character, and one likely to meet with as much patronage as its fortunate predecessor. The prosperity of the existing marine insurance companies tends to the conviction that such institutions are aske and lucrative, and if conducted upon sound principles, and on a sufficiently extended scale, are productive of remunerative results. Although the trade and commerce of the United Kingdom are rapidly expanding every year, and the improvements keep pace with the requirements of our merchants, the amount of capital contributed by the public as a fund for the insurance of the floating wealth of the nation remains almost stationary, and is wholly inadequate for the enormous and constantly increasing quantity of goods and buildine reservantly expending the ocean; the consequence of which is that marine insurances to a large extent are effected for British merchants in Hamburg, Bremen, Antwerp, and elsewhere, but owing to the difference in the laws and oustoms of foreign countries distrust and litigation frequently arise in the settlement of claims. The transactions which require insurance are considerably multiplied by the increased speed now attained by locomotion, and the extension of electric telegraphs, which, of course, lead to quicker returns, and the high premium incomes of the existing insurance companies, satisfactorily prove that the public appreciate the security of the joint-stock principle as applied to marine insurance. With a view to participate in the profits realised in a growing and prosperous butness, the company to which we refer—the Universal Marine Insurance—as been organised upon a basis sufficiently broad and comprehensive to effect remunerative results. The canada and comprehensive to effect remunerative results. upon a basis sufficiently broad and comprehensive to effect remunerative results. capital will be 1,000,0001., and the undertaking divided into 50,000 shares.

CARDIFF AND CAERPHILLY IRON COMPANY.—Since our former notice of this undertaking considerable progress has been made, the frommasters of South Staffordshire having taken a lively interest in the undertaking, and a large number of shares have been subscribed for in the district. The board of direction has been strengthened by the adhesion of several names of eminence and position in the South Staffordshire from trade, who state that the peculiar character of the pig-from which the company will be able to produce will be much in request for the purposes of amalgamation in the production of manufactured from. As it is not intended to make manufactured iron, but to confine the company's operations exclusively to pig-from—to be, as it were, a nursery for pig-from; from that which has proved fatal in so many cases this company will be exempt. The general management will be conducted by thoroughly practical men; Mr. Foley, who for many years has been manager at Messrs. Cochrane's works, takes the entire direction of the Company in Wales; and as Mr. J. Yardley has accepted the appointment of mining engineer, there can be no doubt that the management will be efficiently conducted, and the company's resources properly developed. The whole of the property has been surveyed by Mr. Yardley and Mr. Job Taylor, coalmaster of Dudley, and they been surveyed by Mr. Yardley and Mr. Job Taylor, and the company is continued and Rhymney Railway, and but a short distance from the port of Cardiff, comprises about 700 acres, contains a valuable hematite, and nine seams of arcillaccous ironstone, and also several seams of house and steam coal; in addition to which a large quantity of fire-clay, stated to be equal to the Stoutridge. Some of the overs have been ausleed to sovere tests, and have proved to be of very rich character. The company will be super-

Intended by a local board at Birmingham, composed chiefly of iron fore stated, it is intended to confine operations exclusively to pig-ir-clash with any existing interest in the trade.

WEEKLY LIST OF NEW PATENTS.

GEANTS OF PROVISIONAL PROTECTION FOR SIX MONTHS.—T. P. Pay, Liverpool: Machinery and apparatus for obtaining and applying motive-power.—T. E. Russell, Liverpool: Application of a certain metal for the movements of watches and other time keepers.—N. CLATON, J. SUNTYRWONTS, Lincoh: Steam-botier and safety-valves.—C. SHORT, Westwood, Seiston, T. B. SHERTON, Underwood, Nottingham, W. BOWLER, Butterify-park, Pentrich, Derby: Manufacture of ricks, tiles, drain pipes, or other articles from cinder or refuse sing.—F. Cosoner, Paris: Manufacture of "beton" or composition applicable for the purpopes of covering, building, and construction, and for various uses as artificial stone.—E. A. Wood, Victoria-terrace, Notting Hill, West: Certain Innervance in anchory.

IMPROVED MINE BREAK.—Heretofore in breaks for mine machinery a

IMPROVED MINE BREAK.—Heretofore in breaks for mine machinery a wheel or pulley has been employed, and the pressure has been applied when it was desirable to bring the break into operation upon the circumference of the wheel. As an improvement upon this Mr. Nicholas Libotic proposes that the pressure or friction instand of being so applied should be applied against the sides of the wheel. The wheel is constructed with grooves and projecting parts on each side, which may, if desirable, be arranged in a circular or arch-like direction round the shaft. The bars have projections on a framework, but so as to be free to have a certain to and fro travel thereon; two bars being on each side of the wheel, one above and the other below the shaft or axis, and those on each side are connected together, forming a sort of frame round the shaft, and attached at one end to a rod or spindle united to the framework, preferably by springs. The bars are connected by links, jointed arms, or lazytong-action rods, to the piston rods of a steam erjinder, so that when the piston rod is pressed up towards the links the latter will keep the bars away from the wheel, but when drawn in the contrary direction the links cause the bars to press firmly against the sides of the wheel, and press their projections into the grooves therein, and thus exert the necessary friction or pressure.

MANUFACTURE OF STEEL.—The article known as polished Russin sheet-fron is distinguished from other descriptions of sheet-fron by the hardness of its enamelied surface, its toughness, malicab lity, and denseness. In manufacturing such iron, Mr. D. A. Morris, Pittsburg, U.S., proposes the employment of a process which consistent in the puddling over reduing turnace, by means of a flux or compound of reagrings which absorbs the excess of alumine, silicium, and other metalloids; secondly, in thoroughly working the iron thus produced in the puddling over and with hammers, and afterwards reducing the same into sheets in an air-tight iron case, and heating up to a brig

MANUFACTURE OF MINERAL OIL AND GREASE.—Mr. F. Schütze, Hemixom, near Antwerp, provisionally specified an invention, which relates to the mannfacture of oil and oligenous matters and grease from mineral shales of various kinds, and from all or any bitminous minerals not being commercially and generally known as coal. The raw shale is distilled and re-distilled as often as necessary, and the resulting matter purified with caustic soda and vitriol, or S.O.S. A very cheap and valuable oil is thus produced.

is thus produced.

OBTAINING MOTIVE POWER.—Mr. J. R. Smith, of Glasgow, proposes to obtain motive power by a wheel with a tubular or bollow rim, capable of revolving in a vertical plane upon a horizontal axis or centre of motion. To the periphery of this wheel there are attached a series of open chambers, each containing a flexible diaphragm, of a tubular or bag form. The two ends of each chamber are solid diacs, to one of which one end of the flexible bag is attached, so as to be fluid tight, and a water thoroughfare or tube passes from this end disc of the wheel run into the interior of each flexible bag. The opposite end disc has attached to it a spring of any convenient kind, and between this spring and the end of the flexible bag, on that side, there is a heavy disc weight. The tubular space in the main wheel is filled with water, moreury, oil, or other liquid, and its operation depends upon the full acting upon the periphery of the wheel on the failing side, and nearer the axis on the rising side.

CEMENT FOR COATING HOND SHUES.—The result of experiments on board.

falling side, and nearer the axis on the rising side.

CEMENT FOR COATING IRON SHIPS.—The result of experiments on board several or her Majesty's iron steam-vessels with Messrs. Day and Co.'s patent marine coment, for coating the interior of fron vessels, having proved satisfactory, the Lords of the Admiralty have directed the application of the cement over the blige bottom plates and rivet heads on the inside of a steamer lately from the Mediterranean. The process has commenced at Woolwich, and will be carried out on board other ships in the Royal Navy. The cement consists of an enamel, which resists the influence of moisture and the destructive effect of the chymical action of acids in blige water, and is produced from salt, sugar, coal-dust, guano, and other materials. It requires about five hours to melt in a hot laws state, is applied after a preparatory coating of patent composition over a clean and dry surface, and is pronounced cheaper and better than paint.

MONSTER ARTESIAN WELL.—Birmingham has, it appears, always taken MONSTER ARTESIAN WELL.—Birmingham has, it appears, always taken much interest in the subject of Artesian wells, to corroborate which statement it is but necessary to refer to the interesting paper read before the Institution of Mechanical Engineers in 1854, by Mr. S. H. Biackwell, and referred to in the Mining Journal of Nov. 8 in that year, "On Kind's Improved System of Boring," and the recent operations which have been carried on, under the direction of the Corporation, by Mr. D. Greenley. Hitherto 12-in. diameter has been large for an Artesian well, but that just completed by Mr. Greenley has the diameter of 26-in., whilst his, apparatus is but little different from that which the Chinese have used for centuries. The work was commenced in Nov., 1858, the water being required for the supply of the Woodcock-street Baths, and although great difficulties—more than one stratum of running and and a bed of sand-stone—have presented themselves, it has been completed in little more than a year.

A SUBSTITUTE FOR GUNPOWDER .- Mr. Hochstetter, of Darmstadt, has invented a substitute for gunpowder, much cheaper and far more effectual than the material at present employed. The substance is grey in colour, leaves a greasy impression to the touch, and possesses a strong alcoholic smell. It was tried tast week with great success on the Piace du Tir, at Wiesbaden, and the conviction of the numerous band of military officers gathered to witness the experiment was decidedly in favour of its adoption for the future in lieu of the old gunpowder, which is declared to have at length fulfilled its mission and done its duty of destruction.

THAMES TUNNEL COMPANY.—Receipts for the week ending Dec. 10, il. 8s. 1d.; number of passengers, 18,337.

LONDON GENERAL OMNIBUS COMPANY.—The traffic receipts for the reck ending Dec. 11 was 10,7127, 10s, 11d.

TWO 60 in. PUMPING ENGINES FOR SALE, equal to new, one made by Messrs. Harvey and Co., of Hayle Foundry, 12 ft. stroke in cylinder and 11 ft. in shaft; the other made by the Ferran Foundry, 10 ft. stroke in cylinder and 19 ft. in shaft, with two boliers about 22 tons. Two 10 arm capstans complete, and one 14 in. capstan rope (about 160 ms.) May be viewed at Bolling Well Mine, Hayle, Cornald Mall.—For further information, apply to Mr. E. Kine, 27, Austinfriars, London.

GAS IN FRANCE.—TO BE SOLD, a GAS ESTABLISHMENT In a large town of FRANCE where coals are abundant, including the municipal concession for 28 years, ground, buildings, and material. Frice, £33,000. Profits at least from 40 to 60 per cent., and capable of extension.—Apply, or write, to Mr. Tressow, 12, Rue de Ménars, Faris.

TO MASTER QUARRYMEN, COLLIERS, AND BRICK MAKERS.—TO BE LET on lease, for 99 years, either together or separately, a SUPERIOR QUARRY of unique and beautiful BLUE PENNANT STONE, especially adapted to planing machines; and also a BRICK YABD for fire-bricks and brown ware, together with a COLLIERY for home sale. This is particularly worthy the attention of practical men, possessing from £1000 capital for machinery in quarry, and £500 for brick yard and colliery.—For full particulars, apply to "C. J.," care of Mr. Hough, news agent, Coleford, Gloucestershire.

COLLIERY.—TO BE LET, with possession on the 1st day of January, 1861, the POOLEY HALL COLLIERY, near TAMWORTH, in the county of Warwiek. The coal comprises all the seams of the well-known Warwiekshire coal field, and the pit is most conveniently situate about 50 yards from the Trent Valley Rallway, with which it is connected by a siding, and about 10 yards from the Coventry Canal with a basin for loading.—Apply to Messrs. WILLIAMS and JAMES, solicitors, 62, Lincoln's Inn-fields, London, W.C.; or Messrs. WOODBOUSE and JEFFCOCE, civil and mining engineers. Derly. civil and mining engineers, Derby.

FIFTEEN to TWENTY, and even TWENTY-FIVE PER CENT. PER ANNUM upon current value of shares, in CORNISH TIN and COPPER MINES. Dividends payable two-monthly or quarterly.

Messrs. Tredinnick and Co., Mining Engineers.

SEND their SELECTED LIST OF SOUND PROGRESSIVE AND DIVIDEND SHARES apon the receipt of a Fee of One Guinea
Review of Cornish and Devon Mining Enterprise, 5s. per copy.
Maps per post of the Buller and Basset, Great Vor, Alfred Consols, the Providence and
Margaret Districts, 2s. 6d. each.
Cornish Mines, well selected, pay better than any other description of securities, are
free from risks, and entail less responsibilities than banks and other joint-stock comnantes. Shares bought and sold on commission of 2½ per cent.
Money advanced at 10 per cent. annually, for abort or long periods, upon approved Minng Shares.—78. Lombard-street, London, E.C.

IN SHARES.—78, LOWDARD-SHEET, LORGON, EACH.

LEICESTER, BRACHE, AND TEAGUE, CONSULTING MINING ENGINEERS AND SURVEYORS, AND GENERAL MINING AGENTS, MELBOURNE, VICTORIA, PROCURE MINING LEASES on ELIGIBLE TERMS from the GOVERNMENT OF VICTORIA and NEW SOUTH WALES, on receipt of a remittance for £200, to cover costs of lense, survey and report, &c.

Messrs. Leicester, Bracher, and Trague OFFER to TAKE the MANAGEMENT Of MINING COMPANIES, and PROVIDE OFFICE ACCOMMODATION, for a free interest in the capital stock of the company.

For further particulars, apply to Mr. Richard Middleton, Mining Journal office, Fleet-street, London, E.C.

N.B.—All remittances must be made through our bankers, the Bank of AKE the

LEICESTER, BRACHE, AND TEAGUE UNDEPOSES, MEL-SALE of ENGINES and MACHINERY for MINI MIDDLESCON, 26, Fleet-BOURNE, VICTORIA.—For particulars, apply to M-street, London, E.C.

I RON RAILS, &c.—The DUBLIN AND WICKLOW

RAILWAY COMPANY are READY to CONTRACT for about FORTY-FOUR
HUNDRED TONS of BRIDGE BAILS, 80 lbs. to the yard, for the Gorey Extension
Line, with proportionate quantity of chairs, according to particulars, which may be obtained on application to the company's engineer, W. E. Le Fanu, Esq., 30, Fitzwilliamsquare, Dublin, to be delivered free on shore at Wicklow or Arklow, as may be determined, in three equal quantities, at six, twelve, and eighteen months from date of acceptance of tender.

Tenders, status forms, and wasked tender for with and offered the status forms.

e of tender.

rs, stating terms, and marked tender for rails, and addressed to the eccret
tland-row, Dublin, will be received up to December 29, 1859, inclusive.

ARTHUR MOORE, Se

TATIONAL PROVINCIAL BANK OF ENGLAND. A TIONAL PROVINCIAL BANK OF ENGLAND.—
The DIRECTORS of the National Provincial Bank of England HEREBY GIVE
NOTICE, that a HALF-YEARLY DIVIDEND at the rate of Eightf PER CENT. PER
ANNUM will be PATABLE on the company's stock on and after the 13th January
naxt, when the dividend warrants will be obtained at the company's office, 112, Bishopsgate-street, or at the different branches.
The transfer books will be closed on and after Saturday, the 17th inst., until the dividend becomes payable.

By order of the Court of Directors,
DAN. ROBERTSON, Agent and Manager.

112, Bishopsgate-street, London, December 13, 1859.

THE UNIVERSAL MARINE INSURANCE COMPANY.

To be incorporated under the Joint-Stock Companies Act, and to be conducted on the principle of Limited Liability.

Capital £1,000,000, in 50,000 shares of £20 each.

Deposit £1 per share, to be paid on application, and a further deposit of £1 per share to be paid on allotment.

No call to exceed £2 per share; and no calls to be made at intervals of less than three months between each call.

months between each call.

DIRECTOR.

JOHN H. DILLON, Esq., The Albany, Piccadilly.

S. PINTO LETTE, Esq. (Messrs Printo Lette, Brothers).

HARVEY LEWIS, Esq. (Director of the National Bank).

JOHN LUBBOCK, Esq. (Director of the National Bank).

JOHN LUBBOCK, Esq. (Messrs. Labbock, Forster, and Co.)

M. USBORNE, Esq. (Messrs. Labbock, Forster, and Co.)

HENRY WOODFALL, Esq., Liverpool.

ALBERT RICARDO, Esq. (Messrs. A and W. Bicardo).

Z. C. PEARSON, Esq. (Messrs. A and W. Bicardo).

Z. C. PEARSON, Esq. (Messrs. A and W. Bicardo).

A. P. PETROCOCHINO, Esq., Finsbury Chambers.

BANKERS—Messrs. Lubbock, Forster, and Co.

SOLICITORS—Messrs. Hughes, Kearsey, Masterman, and Hughes;

MONERS—Messrs. R. and J. Sutton, Royal Exchange; Messrs. Pickå, Son, and Woo

Warning-Googra.

TEMPORARY OFFICES,—S4, KING WILLIAM STREET, CITY.

Marine insurance is now recognised as a highly safe and lucrative description of bus

table connection already secured to this company enables it to commence once, with well-grounded expectations of success, and proper measures to secure the services of an underwriter of acknowledged experience.

seen taken to secure the services of an underwriter of acknowledged experience and high standing.

In addition to the anticipated advantages of the measure introduced by Government in the last session of Parliament for the limitation of the liability of marine insurance companies, the large subscribed capital of the Universal Marine Insurance Company will protect the interests of its subscribers, and, at the same time, present to its customers in ample guarantee for the security of the policies effected at this office. In the meanime, in every transaction of the company the liability of the shareholders will be especially restricted to the amount of their shares.

The subscription list will be closed at an early day; and in the meantime applications for shares may be addressed, in the anexed form, to Mr. J. W. Pillans, secretary (protem.), 84, King William-street, City; to Measrs. R. and J. SUTTON, 22, Royal Exchange, or to Measrs. Field, Son, and Wood, 9, Warnford-court, Throgmorton-street, brokers to the company. Every application must be accompanied by the bankers' receipt for the leposit of £1 on each share applied for. In the event of no allotment being made the deposit will be returned.

NVENTORS' ALMANAC for 1860 (copyright), coloured illustrated abset, containing Chronological Table of Important Inventions, &c., for upwards of we thousand years, Patent Statistics and Officials, Memorabilis of Inventions and Ralliarys, and variety of useful information. Compiled by Mr. Henry, Memb. Soc. Arts, of the Patent Office, 84, Fleet-street, London, and sold by Field and Co., 84, Fleet-street, rice, 6d. sheet; 1s. mounted.

TEW PATENT ACT, 1852.-Mr. CAMPIN, having advocated Patent Law Reform before the Government and Legislature, and in the pages of the Mining Journal, &c., is now READY to ADVISE and ASSIST INVENTORS in OBTAINING PATENTS, &c., under the NEW ACT.

The Circular of Information, gratis, on application to the Patent Office and Designs Registry, 156, Strand.

THE MINING SHAREHOLDER.—The SHAREHOLDER of this day contains Original Articles upon the following:—Mining Men and Mining atters, the Liverpool and London Insurance Company, Banking in the Levant, Official assignees in Bankingto, the Gas Agitation. The Mining Shareholder gives a succinct sume of the Share Market, Mine Reports, Ore Sales, Metal Market, and General Mining Intelligence. The Banking and Raliway Shareholder contains all the latest news in ooth departments, Reports of Fublic Meetings, the Money Market and City Intelligence, &c. Published by G. Maddick, 1, Crane-court, Fleet-street.

INVESTMENTS IN BRITISH MINES.

Full particulars of the most important Dividend and Progressive Mines will be BRITISH MINES CONSIDERED AS AN INVESTMENT Recently published, by J. H. MURCHISON, F.G.S., F.S.S. P.B., 365; price 3s. 6d., by post, 4s.

Mr. MURCHISON also publishes a QUARTERITY REVIEW OF BRITISH MINING, giving, at the same time, the Position and Prospects of the Mines at the end of each quarter, the Dividends Paid, &c.; price 1s. Reliable information and advice will at any time be given by Mr. Murchison, either personality or by letter, at his offices, No. 117, Bishopsgate-street Within, London, where copies of the above publications can be obtained.

ments in mining shares that information which should prevent rain speculation and unproductive outlay of capital in mines.—Moraing Herald.

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Of special interest to persons having capital sunployed, or who may be desirous of inwesting in mines.—Moraing Chronicle.

Parties requiring information on mining investments will find no better and safer instructor than Mr. Murchison.—Leeds Times.

As a guide for the investment of capital in mining operations is inestimable. One of
the most valuable mining publications which has come under our notice, and contains
more information than any other on the subject of which it treats.—Derby Telegraph.

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This work combine the capitalist to invest on sound wrinciples; it is, in trath, an ex-

To those who was been applialist to invest on sound principles; it is, in truth, an excellent guide.—Plymouth Journal.

Persons desirous to invest their capital in mining speculations, will find this work a very useful guide.—Warnick Adsertion.

It is full of carefully compiled and reliable information relative to all the known mine—the United Kingdom.—Shefield Free Press.

Persons desirous to invest their capital in mining speculations, will find this work a very useful guide. —Warwick Advertiser.* It is full of carefully compiled and reliable information relative to all the known mine in the United Kingdom.—Shefuld Free Press.

Those interested in mining affairs, or who are destingue of becoming speculators, should btain and carefully persue the work.—Monsouth Bongon.

Exercise properties of the book.—North Wales Chronicle.

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A very simple book.—Cornwell Gatette.

All who has invested, or intend to invest, in mines should persue this able work.—Plymouth Herald.

We believe a more in press, it would be gross neglect in an investor not to consult it seems also the capital.—Sulf Herald.

To capitalists the work will prove agree/capital.—Birmingham Mercury.

On great value to capitalists.—Sunderland Times.

TO IRONMASTERS AND OTHERS.

TO IRONMASTERS AND OTHERS.

SALE of FREEHOLD IRONWORKS, situate at BULL BRIDGE, MOXLEY, in the PARISH of WEINESBURY, and near to the TOWN of BILSTON.

M. R. THOMAS DANKS WILL SELL, BY AUCTION, on Monday, the 19th day of December, 1859, at the Duding Arms Hotel, in Dudley, nearcitally at \$1x obtains a will libra be produced, all that important FREEHOLD PROPERTY, known as the MOXLEY IRON-WORKS, situate on the banks of the Birmingham Canal, at Bull Bridge, Moxley, in the parish of Wednesbury, accreased, and lately in the occupation of Messrs. E. Creaswell and Sons, consisting of a 5h horse power HIGH PRESSURE STRAM ENGINE, working a 4 ft. stroke, with fly and driving wheels; cylindrical firing boller, 35 ft. long by 4 ft. 6 in. diameter; large turnade age belier, both properly greated with steam and seed pipes, pumps, &c.; pewerful erocodile squeezers and har train housings, and bed plate aiready fixed for cinder crushing rolle; cutting offers affected the training of the control of the parish of the control of the parish of the control of the control of the control of the parish of the control of the con

PRIMROSE PRINT WORKS, CLITHEROE.

TO CALICO PRINTERS, BLEACHERS, DYERS, BROKERS, AND OTHERS.

M. W. HEATLEY KIRK respectfully announces that he is honoured with instructions to SELL, BY AUCTION, on the premises, as above, on Monday next, Docember 19, 1859, commencing at Eleven o'clock precisely, in consequence of the premises being let for another business, the truly VALUABLE PLANT, MACHINERY, UTENSILS, &c., therein, for bleaching, printing, dyeing, calendering, &c.—For further particulars, see catalogues, which may be had from Mesers. Thatres and Eastrank, solicitors, Clitheroe; or of the auctioneer, at his office, Cross-street Chambers, Manchester.

EVERY DESCRIPTION of STEAM ENGINES, ENGINEERS TOOLS, &c., on the shortest notice, on application to Wheatley Kink, or, auctioneer, &c., Cross-street Chambers, Manchester.

STEAM ENGINES and MINE MATERIALS, THREE LARGE BOX REAMS of description, MINERS' DIAL, and ACCOUNT HOUSE FURNITURE FOR SAI NORTH POOL MINE, in ILLOGAN, situate about one mile from Redruth and Parkeys and Parkeys.

STEAM ENGINES and MINE MATERIALS, THREE LARGE BOX BEAMS of best description, MINERS' DIAL, and ACCOUNT HOUSE TURNITURE FOR SALE, at NORTH POOL MINE, in ILLOGAN, situate about one mile from Redrath and Pool rallway stations.

M. R. J. BURGESS is instructed to SELL, BY PUBLIC AUCTION, on the 20th December, 1859, at Eleven o'dock in the forencen, the whole of the VALUABLE ENGINES and MATERIALS on the above MINE.

O'NE good 50 in. cylinder PUMPING ENGINE, 9 ft. stroke, equal beam, with three bollers, about 38 tons, all in good condition.

O'NE 18 in. by 36 in. STEAM WHIM and CRUSHER stached, with boller about 7 tons, in good working order,

3 horse whims and shaft tackle, rops and chain for ditto, 2 balance bobs; 3 angle bobs, calculated for a 70 or 80 in. engine; 1 14 in. good capstan rope, 110 fms., 1 10 arm capstan, 1 8 arm ditto, 1 cat head, 2 shears and pulleys; 2 shaft tackles, pulleys, and stands is several tons of ½ and ½ chain; 15 to 29 tons of railway iron, 3½ ×½, and saddles this; 2 to 3 tons of 1½ in. square railway iron, 3 pairs of faggotted connection caps, faggotted yoke; 1 4 in. nagotted rod, cheek, and loop; 2 pairs of treble blocks; 1 4 in. lift, 5 fms.; 20 7 in. 9 ft. pumps, 2 8 in. ditto, 31 lo in. 9 ft. ditto, 16 ll in. ditto, 2 ft. in. 9 ft. ditto, 16 ll in. 9 ft. pumps, 2 8 in. ditto, 31 lo in. 9 ft. ditto, 16 ll in. ditto, 2 ft. in. 9 ft. ditto, 16 ll in. 9 ft. pumps, 2 8 in. ditto, 3 ll lin. 9 ft. ditto, 16 ll in. ditto, 2 ft. in. 9 ft. ditto, 16 ll in. 9 ft. pumps, 2 8 in. ditto, 3 ll lin. 9 ft. ditto, 16 ll in. 16 ft. oropieces, 7, 10, and 11 in.; 3 12 ft. working barreis, 7, 9, and 10 in.; 6 plunger poles and stockings (all in excellent condition), 9, 12, 14, and 15 in., and 2 13 lin. stuffing boxes and glands to match; 5 sinking and flat bottom windbores, 7, 9, 10, 14, and 15 in.; several matchings of various sizes, 17 fms. 10 in. tonia rods, 23 fms. 11 in. ditto, 28 fms. 12 in. ditto; 35 pairs faggotted rod plates, pairs common ditto; 1 pair faggotted plates, or connections.

YALD.—New

WHEAL HENDER, CROWAN, CORNWALL.

FOR SALE, a VALUABLE MINE SETT, held under a lease of 21 years, from the Rev. H. M. St. Aubyn, together with all the MACHINERY and MATERIALS.

M. R. NEWTON WILL SELL, BY PUBLIC AUCTION, on Wednesday, the 21st day of December inst., at Twelve o'clock at noon precisely, on the mine, in One Lot, under such conditions as will be then and there produced, the whole of that VALUABLE MINING SETT, now and for some time past called WHEAL HENDER, situate in the parish of Crowan, and lying directly cast of and also adjoining the promising Trevole Mine, together with all the excellent MACHINERY and MATERIALS thereon, consisting of—

revoole Mine, together wash as the beron, consisting of—
A 50 in. PUMPING ENGINE, 9 ft. in cylinder by 8 ft. in shaft, with one 10 tom oiler, including wood-work of house, &c.

Large capstan, shears and shieves, capstan chain, best iron (9-16 in.), 2 horse whims haft tackles and shieves, about 150 fms. chain (7-16 in.), 4 whim kibbles.

HOUSE LIFT.—17 in. working, 11 ft. long; 1 8 in. 9 ft. pump, 1 7 in. 9 ft. flat bottom windbore, 1 7 in. 6 ft. doorpiece, 1 cistern and bearers, 6 fms. 1½ in. pump rodr

buckets and forms.

buckets and forms.

TYE DRAWING LIFT.—1 10½ in. working, 12 ft. long; 1 10 in. 9 ft. windborr 10 lin. 6 ft. doorpiece, 5 11 in. 9 ft. pumps, 1 11 in. 4½ ft. matching piece, 13 fms. 1½ in ump rods, 2 buckets and forms.

ROSE LIFT.—1 10 in. working, 11 ft. long; 1 10 in. 9 ft. flat bottom windbore, 1 10 in ft. doorpiece, 5 11 in. 9 ft. pumps, 1 11 in. 6 ft. pump, 13 fms. 1½ in. pump rods, which and forms.

BOSE LIFT.—1 10 in. working, 11 ft. long; 1 to in. v. 13 fms. 1% in. pump rods, 2 ft. doorplees, 5 l1 in. 9 ft. pumps, 1 l1 in. 6 ft. pump, 13 fms. 1% in. pump rods, 2 buckets and forms.

PUPPY LIFT.—1 10 in. working, 12 ft. long; 1 l0 in. 9 ft. sinking windbore, 1 l0 in. 6 ft. doorplees, 5 l1 in. 9 ft. pumps, 14 fms. 1% in. pump rods, 2 buckets and forms.

Shaft shieves, 50 fms. iron stave ladders, wood main rods and faggotted iron strapping plates, large quantity of new and oid timber in yard.

In SMITHS' SHOP.—40 in. bellows, 2 anvils, 1 vice, smiths' tools, miners' tools, screwing tools, large quantity of chain, and other useful iron.

Serew stock, wood carpenters' shop, saw pit frame, carpenters' benches, and large quantity of timber; wood about coal yard and carpenters' yard, launders, and other useful timber; grindstone and frame, several tons of old wrought and cast-iron.

In MATERIAL HOUSE.—Nalls, stoci, oil, tallow, leather, fuse, hemp, yarn, tackle rope, lead, brass, sleves, &c.

This mine is situated about two miles from Camborne station, and five miles from the Port of Hayle.

For tor Hayle.

For further particulars, application to be made to the purser, Mr. W. Rosewarne, Hayle; the agent on the mine; or to Mr. H. V. Newron, a Camborne, Cornwall.

COUNTY OF GLAMORGAN.
VERY IMPORTANT AND EXTENSIVE SALE OF FREEHOLD LANDS

VERY IMPORTANT AND EXTENSIVE SALE OF FREEHOLD LANDS.

Mr. Murchison's new work on British Mines is attracting a great deal of attention, and is considered a very useful publication, and calculated to considerably improve the oscillon of home mine investments.—Mining Journal.

The book will be found extremely valuable,—Observer.

A valuable guide to investors.—Herapath.

Mr. Murchison takes sound views upon the important subject of his book, and has isced, firs a small sum, within the reach of all persons contemplating making investments.—Mining Journal states and information which should prevent rash speculation and unroductive outlay of capital in mines.—Moraing Herald.

A valuable it tile book will be defined information which should prevent rash speculation and unroductive outlay of capital in mines.—Moraing Herald.

A valuable little book.—Globe.

This important property, from its great extent and adventing an analysis of the said burgesses.

This important property, from its great extent and adventing a first property of the said burgesses.

This important property, from its great extent and advantageous position, at once commends itself to the notice of the capitalist, being situate in the midst of the great manufacturing district of central Gianorgan, and dapart from its great agricultural value) affords admirable sites for the erection of large works, possessing the rarely combined advantages of railway and shipping accommodation; the South Wales Railway passing through a considerable portion of the property, while its south-acstern extremity yields abundant means of wharfage, derivable from its extensive frontage to the new channel of the River Avon, constructed in connection with the adjoining floating harbour of Port Taibot. A portion of the property is immediately contiguous to the thriving market town of Aberavon, and available to a very large extent as building ground, portions of which have, as already stated, been let on building leases, the reversions in fee of which are included in this saie. The Minerals are excepted.

N.B. Possession of the unenclosed lands, and about 90 acres of the enclosed lands, may be had on the completion of the purchase, the remaining portion of the enclosed lands being let under agreements for leases for a term of seven years from Ladyday last. For further particulars, application may be made to C. M. Thoxas, Eq., solicitors, Neath; Messrs, Rowlands and Hackes, solicitors, 31, Fenchurch-street, London; James Hall, Eag., aurreyor, Swansen; the Auctioneer, Neath; and to view, to Mr. John Thoxas, Fortreeve, and Mr. Griffer Ministers, Commen Attorney of the borough of Aberavon.

FOR SALE, a CORNISH PUMPING PIT ENGINE, 26 in. and 6 ft. stroke, beam 24 ft. from centre to centre, with nozales, plug red cataract, and hand gearing complete. Two flue BOILERS, each 29 ft. long by 6 ft. diameter, with full mountings complete. Also, THEEE LIFTS of PUMES, in all about 6 ftms., plunger 9\frac{1}{2} in., and buckets 8\frac{1}{2} and 10 in., with reds, joints, &c., complete The whole is in first-rate condition, can be seen working on receiving three days previous notice, and will be soid a bargain in one lot, or separate, if required.—Apply to James Jepkins, 23, St. Enceh-square, Glasgow.

EDINBURGHSHIRE.

IRON MANUFACTORY AT CRAMOND.—FOR SALE, the CRAMOND RONWORKS, consisting of BOLLING MILLS, driven by the CRAMOND RONWORKS, consisting of BOLLING MILLS, driven by the horse HIGH-PRESSURE STEAM-ENGINE; one Credite's STEAM HAMMER, and two THILT FORGES, by waker power; with PUDDLING and REATING FURNORS, workshops, store, manager's, and workmer's houses, all see at present occupied by William Cadell, Sons, and Co., who for many years have carried on an extensive basiness in scrap and common bars, forgings, &c.

The machinery and buildings are in complete order and repair, and the feu daty and public bardens are moderate, and entry could be given to the works, in a going state, either qui April 1 or July 1, 1860.

The works are within two miles of Edinburgh and four of Granton, and vessels of 50 or 60 tons can sail up to the works.

For particulars, apply to Mesers. WILLIAM CADELL, Sors, and Co., Cramond, by Edinburgh; or to Mesers. MACKESSIE and KERMACK, W.S., 9, Hill-street, Edinburgh.

HENDRE MINES, NEAR MOLD, PLINTSHIRE

HENDRE MINES, NEAR MOLD, PLINTSHIRE.

TO BE SOLD, BY PRIVATE CONTRACT, the VALUABLE,
MACHINERY and MATERIALS on the MINES, consisting of an 80 in. cylinder
STEAM PUMPING ENGINE, 10 ft. stroke, with four bollers (by Fairbairn, of Manchester); a 20 in. WINDING and PUMPING STEAM ENGINE, 4 ft. stroke, with
two bollers; a 16 in. WINDING and PUMPING STEAM ENGINE, 2 ft. stroke, with
two bollers; 24 in. plunger poles, and 24 in. pumps; H picese, windstores, &c.; 19 in.
plunger poles, cases, &c.; working barrols, &c.; 19 in. pumps, B picese, shakk decorpieces,
windbores, &c.; 9 in. to 4 in. pumps, plungers, &c.; cruahing mill, water-wheel, winding
appearates, wrought-from rails, wrought-from roles, wrought-from plates for main roles,
inches pins and nuts, weighing machine, &c.
Mr. Jours Partycaraes will show the machinery, &c., on the mines, and applications
for further particulars to be made to Mr. C. D. Williamson, Groenfield, Holyweil.
December 1, 1859.

TO ENGINEERS, CONTRACTORS, MINERS, EXPORTERS, AND OTHERS,—MESSRS, PAGE AND CAMERON beg to call attention to their HIGH PRESSURE HORIZONTAL STEAM ENGINES, from 6 to 30 horse power and upwards. They are of superior manufacture and finish, most substantially but and PARTICULARLY ADAPTED FOR MINING PURPOSES. Mosers. Page 2 CAMENON have always a stock on hand in London, and from the great facilities they please for manufacturing they are enabled to execute orders on very short notice, as a to offer their manufactures at unprecedented low prices. Price lists forwarded on appearance of the prices.

HORIZONTAL HIGH PRESSURE STEAM ENGINES FOR

SALE, and ready for delivery:—

ONE of 6 horse power, 8 in. cylinder, and 18 in. stroke.

ONE of 8 horse power, 10 in. cylinder, and 18 in. stroke.

ONE of 10 horse power, 10 in. cylinder, and 24 in. stroke.

TWO of 12 horse power, 12 in. cylinder, and 24 in. stroke.

TWO of 14 horse power, 12 in. cylinder, and 24 in. stroke.

TWO of 16 horse power, 12 in. cylinder, and 24 in. stroke.

TWO of 16 horse power, 14 in. cylinder, and 24 in. stroke.

ONE of 16 horse power, 14 in. cylinder, and 36 in. stroke.

ONE of 24 horse power, 17 in. cylinder, and 36 in. stroke.

TWO of 30 horse power, 20 in. cylinder, and 36 in. stroke.

TWO of 30 horse power, 20 in. cylinder, and 36 in. stroke.

The above engines are quite new, of superior manufacture and finish, and very substantially built.—Apply to Page and Camenon, 64, Old Broad-street, London, E.C.

ENGINEERS' TOOLS FOR SALE.—A SUPERIOR
SELF-ACTING and SCREW CUTTING LATHE, 7 in. centre and 7 ft. bed; a
ditto, 7 in. centre and 9 ft. bed. A PUNCHING and SHEARING MACHINE for
\$\% \text{in. plates, TWO ditto for \$\% \text{in. plates, and TWO ditto for \$\% \text{in. plates.} VERTICAL
DRILLING MACHINE, pillar and bench drills. Haley's and other lifting jacks, rachet
braces, &c. —Apply to Page and Cameron, 64, Old Broad-street, London, E.C.

CAST-STEEL SPADES, SHOVELS, and PICKS, SUITABLE for the MINING DISTRICTS at home or abroad, and recommended for their EXTREME LIGHTNESS and DURABILITY.—Manufactured by Mesars. SPEAR and JACKSON, Etna Works, Sheffield.

EAD FOR EXPORTATION.—PIG-LEAD (hard and soft) SOLD at LOW RATES. The BEST PRICE given for LEAD ASHES, &c., and OLD LEAD.—ROUPELL and Co., Southwark Lead Works, Gravel-lane, London.

HEAT GUAGE, OR PYROMETER,
This guage is extensively used for heating stores of biast furnaces, boiler flues, locomotive smoke boxes, superheated steam, &c.
Patentee: W. H. Gauntlett, Southbank, Middlesbro'-on-Tees.
London: B. Samuelson, 78, Cannon-street West.

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on the mine on THURSDAY, the 29th inst., to take into consideration the future prosecution of the mine, and other business relating thereto, which all adventurers are requested to attend.

Tavistock, December 15, 1859.

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(Durse, Beck, and Salles refer to the Editor of the Mining Journal.)

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| 240 Wheal Bai (tin), St. 512 Wheal Basset (copper 256 Wheal Buller (cop.), 5120 Wheal Charlotte, Per | Just 15 0 0 16 4 0 0 1 1 0 0 - Feb. b; J172 183 1 1 0 0 1 1 0 0 - Feb. b; J172 183 1 1 0 0 1 1 0 0 - Feb. b; J172 183 1 1 0 0 1 0 0 1 0 0 - Feb. c; Redruth [S.E.] 5 0 0 112 1 1 0 110 0 110 0 2 1 0 0 - Nov. granuthogs. | 859 3000 859 456 859 606 | 30 Devon New Copper Co.[L.] 2 0 0 0 0 Devon Wheal Buller (copper) 2 9 0 0 Devon Wh. Union (cp.) Tavis. 1 0 0 Devon Wh. Union (cp.) Tavis. 1 0 0 0 Devon Wh. Union (cp.) Tavis. 1 0 0 0 Devon Wh. Union (cp.) Tavis. 1 0 5 0 0 Devon Wh. Union (cp.) Tavis. 1 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | July, 1859 | 8000 Tretoil & Messer Utd. (c.,tin) 1 5600 Trevenen and Tremenheere 5000 Trevisa (lead) [L. £1] | 5 0 1 Oct. 1659 |
| 500 Wheal Clifford (cop.) 128 Wheal Friendship (c 1024 Wheal Grylls (tim), l | Camborne [8,E.]* 47 10 0, 410 390 400 200 0 0, 10 10 0 Dec. Just 15 0 0 18 4 0 0 110 4 0 0 1 1 0 0 Peb. r), Illogan* [8,E.] 5 2 6 185 177½ 182½ 539 10 0, 5 0 0 Dec. gramuthnoe 1 0 8 13½ 105 110 911 10 0, 2 10 0 Nov. gramuthnoe 1 0 8 13½ 0 13 0 0 16 Sept.), Gwennap [8,E.] — 285 290 300 39 10 0, 6 10 0 Oet. copper), Devon 50 0 0, 75 298 10 0 2885 10 0 10 0 0 Pet. Copper), Devon 50 0 4 0, 4½ 33 4 112 0 0 7 6 Nov. lead), Kea 31 0 21 St. Agnes 4 10 0 3½ 23 34 0 12 6 9 2 0 Oet. Uny Lelant [8,E.] 1 7 2 13½ 13½ 13½ 7 0 0 0 10 Ouruph,), St. Ive 2 10 8 3½ 3½ 3½ 0 4 0 0 0 Nov. Luy Lelant [8,E.] 1 7 6 48 50 32½ 59 0 0 1 15 0 Nov. lelant. 36 2 6 440 273 50 15 0 0 Nov. | 859 400 858 100 859 300 | 33 Devon Burra Burra (copper) 6 13 10 Devon Great Elizabeth (cop.) 0 14 10 Devon Kapunda [L. £1] 0 10 10 Devon Kapunda [L. £1] 0 10 10 Eberon Wheal Buller (copper) 2 9 10 Devon Wh. Union (cp.) Tavis. 1 0 11 Dukeo (Cornwall, Lostwithiel 6 12 Duko (Cornwall, Lostwithiel 6 10 Durlo (tin), Lelant 14 15 15 10 Durlo (tin), Lelant 14 16 10 Dyfngwm (lead), Wales 12 6 10 Eaglebrook, Lianthangel, Car 40 10 10 Ezgy Vano (d., &c.), St. Teath 10 10 Ezgy Vano (d., &c.), Tavist. 0 0 10 Ezgy Vano (Do., Carollo (copper) 2 10 10 Ezgy Vano (Copper) 2 10 11 Egy Vano (Copper) 2 10 12 Ezgy Vano (Copper) 2 10 13 Ezgy Vano (Copper) 2 10 14 Ezgy Vano (Copper) 2 10 15 Ezgy Vano (Copper) 2 10 16 Ezgy Vano (Copper) 2 10 17 Ezgy Vano (Copper) 2 10 18 Ezgy Vano (Coppe | 0 1015 15½June, 1859 6 12 Sept. 1858 | 1024 Trevoole, Crowan, Cornwall. 12 2048 Treworlis, Wendron 400 Tyne Head (Id., cop.) [L. £1]. 5000 United Mines (cp., &c.), Tav. 400 Wadhurst Ironstone Min. [L.]. 1000 Wendron United (tin). 1024 W. Alfred (coppor). Philinck. 3 1218 W. Condurrow (tin, cop.), Cam. | 10 0 |
| 5000 Wheal Kitty (tin), 8 1024 Wheal Kitty (tin), U 4800 Wheal Ludcott (lead) | St. Agries 4 10 0. 34 23 34 0 12 6 0 2 0 0 0 Ct. St. Agries 4 10 0. 34 23 34 0 12 6 0 2 0 0 0 Ct. Cry Lelant [S.E.] 1 7 2. 13 2 12 13 2 7 0 0. 0 10 0 June, J. St. Ive. 2 10 8 3 3 34 3 34 0 4 0 0 4 0 - Sept. | 859 204 859 204 859 60 | 96 Eaglebrook, Liammangel, Car. 40 0 0 48 Erry Vane (ld., &c.), St.Teath 0 10 96 East Alfred Consols (copper). 2 10 96 E. Bertha Con. (cop.), Tavist. 0 6 24 East Buller (copper), Redruth 13 0 | 8. 1%. 1 1% . Aug. 1859 | 1000 Wachlas (id.), Denbigh. [L.£10] 8 960 Wendron United (tin) | 0 0 5 |
| 1024 Wh. Mary Ann (id.), 80 Wheal Owler, St. Ju | Menheniott[S.E.] 8 0 0. 35 . 22 23 . 48 17 6. 1 10 0—Dec. | 859 105 859 600 859 614 | 24 East Buller (copper), Redruth 13 0 0 00 East Carn Brea (cop.) Redruth 2 6 0 44 E.Caradon(cp.) St.Cleer[S.E.] 2 9 0 00 East Frongoch (sillead) [L.] 0 10 0 | 6. 514. 4 414 Dec. 1859 6. 634. 634 634 Dec. 1859 | 1218 W.Condurrow(tin,cop.),Cam. 30000 W. Devon Con. (cop.),[L. £1] 4000 West Dolcoath, Gwinear [L.] 1024 W. Garras (silld.), Kenwyn | 0 0 3 Fully paid. |
| 198 Wheal Seton (tin, co 1940 Wh.Trelawny(silld 5900 Wicklow (copper), V | opper), Camborne.107 0 0. 115 135 145 363 10 6. 3 0 0 — Dec. d.,Liskaard[S.E.]† 4 7 0. 39 .29½ 38½ 38 15 0. 1 0 0 — Nov. Wicklow 8 0 0. 56 34 7 0. 2 0 0 — Nov. | 859 600 859 400 859 204 | 00 E. Grenville (cop.), Camborne 0 2 6 00 E. Gunnis Lake & S. Bedf. (cp.) 4 18 6 48 E. Hazel (cop.,tin), Ashburton 0 2 6 6 East Providence (tin), UnyLel. 1 9 | 6. 12s10s. 11sJuly, 1859 8. 274254 234Aug. 1859 6. 54. 4s. 5sDec. 1859 | 5000 West Hazel, Ashburton 25000 West Par Con. (cp.) St. Biazey 854 West Porkellis (tin), Wendron | 7 6. 14s. 14s. 15s. Nov. 1859 |
| 1694 Walleswidden (tim) | S WITH DIVIDENDS IN ABEYANCE. St. Just 11 5 0 12 12 5 0 0 5 0—Jan. att Grove, Derbysh. 3 0 0 334 3 0 0 3 0 0—April, | 854 500 900 | 00 E. Rosewarne (cp., tin), Gwin. 2 6 6 00 East Tamar(siid.) Beerferris 3 5 6 East Tolgus (copper), Redruth 47 0 00 E. Trefusis (cop.), Gwennap. 6 18 1 | 6. %. % % Aug. 1859 0. % Oct. 1859 0. 50 | 256 West Sharp Tor(cop.)Rillaton11 10000 W. Snailbeach (lead) [L. £1] 1056 West Stray Park (cop.),Camb. 5120 West Tolvadden (cop., tin). | 0 0 35 Nov. 1859 5 0 0 — |
| |), Fintshire 25 0 0. 455 13 0 0. 5 0 0—July, Montgomeryshire 4 5 0. 45. 434 45 0 2 8. 0 2 6—July, N. Persn 0 14 2. 2 0 15 0. 0 15 0. 0 15 | 856 600 857 400 | 19 E. Wheal Agar (cop.), Illogan 71 0 0 0 E. Wheal Chifford (cop.), Kea 2 0 0 0 E. Wh. Russell, Tavis. (S.E.) 7 4 0 | 0 19 | 1879 West Trevelyan (tin, copper) 512 West Wheal Frances, Illogan 5 10000 West Wheal Jane (tin, &c.) 3000 W.Wh.Margaret(tin),UnyLel. | 4 15 0 12 June, 1859 |
| 672 Ding Dong (tin), Gu |), Lamerton 5 0 0. 12 11 12 3 5 0. 0 8 0—Dec.), Camborne 20 0 0. 65 85 0 0. 2 0 0—June, alvai 37 14 0. 18 1514 1614 16 7 6 11 10 0—Mar. | 857 500 857 155 | 00 Frank Mills (lead), Devon 3 10 50 Garreg (lead), Flint 3 8 | 6 4 | 2560 W. Wh. Reeth (tin), Uny Lel. | |
| 1024 East Wheal Margare 4940 Fowey Consols (copy | d), Kenwyn 2 0 0 354 0 7 6 0 2 6—Jan. et (tin, copper) 9 5 0 0 5 0.—Jan. et (tin, copper) Tywardreath 4 0 0 354 41 43 0 6 0—Fab. | 854 1200 | 00 Gawton (copper), Tavistock 1 2 900 Gellirheiron (slld.), Cardig. 1 0 900 Great Caradon and Slade [L.]. 1 0 900 Great Caradon (cop.), St. Ive. 0 15 900 Gt. Crimpia (cop.), St. Austell 1 0 | 0 1% Fully paid. | 1000 Wheat Resset and Grylls (tin) | 2 0 0 4 |
| 4448 General Mining Co. | d), Cardiganahire. 12 10 0. 1 | 1002 40 | 00 Gt. Crinnis (cop.), St. Austell 1 0 00 Gt. Dowgas (tin, &c.) St. Aust. 5 10 00 Great Hewas United, (tin) . 2 3 00 Gt. No. Tolgus (cop)., Redruth 1 0 | O., 4 Sept. 1859 | 512 Wh. Costes(tin),St. Agnes[L.] 1024 Wheal Constance (silver-lead) 1000 Wh. Conquer (tin),Towednack | 6 0 0 2 Feb. 1859 5 12 6 6 Oct. 1858 |
| 20 Laxey Mining Comp | pany, Isle of Man. 100 0 0. 1000 . 1200 . 1420 0 0. 50 0 0 June | 1856 60 | 42 Great Onslow Cons., Cameist. 1 0 00 Gt. Retailack (siiid., blende) 1 2 00 Gt. Tregune Consols, Altarnun 1 0 00 Great Treveddoe (copper) . 0 11 | 6 16s 14s. 16s Nov. 1859 | 5120 Wheal Cubid (cop.), Stavistics, 5120 Wheal Cupid (cop.), Set. Agnes 1000 Wheal Emily (cop.), Gwithian 4000 Wh. Emma (cp) Buckfastleigh | 3 6 0 . 14 . 8s . 10s . Oct . 1829 3 6 0 . 12s . % 4 5 15 6 . 10 |
| | | | 000 Great Treveddoe (copper) 0 11 20 Great Wheal Alfred [S.E.] . 12 5 20 Great Wheal Baddern (tin) 3 16 00 Gt, Wh. Busy (cp. & tin), Ken. 11 5 98 Gt, Wheal Fortune, Breage 18 6 | | | 8 16 1 12 Feb. 1859 |
| 512 Rosewarne United (cop.) 12900 Sortridge Con. (cop.) 128 South Crinnis (coppe 256 South Garras, Kenw | per), Caradon 4 10 6. 546. 426 526 0 5 6. 0 3 0-Sept. nt | 1857 100 | 000 Gt. Wh. Martha (cop.) [L.£1] 0 10 166 Gt. Wh. Vor(tin.ep.), His. [8.E.]15 0 160 Grosvenor Lead, Flint [L.£1] 0 15 134 Gwydyr Park Con., Llanywat 0 7 | 0 9s10s. 12sNov. 1859 | 2048 Wheal Fursdon (tin), Heiston | 1 10 0 314 3 314 . Oct. 1859 5 10 0 4143% 414 . Oct. 1859 |
| 20000 St. Day United (tin | ls (cop.,tin.), Breage 6 8 4. 2½. 0 17 6. 0 7 4—April, and cop.), Redruth 2 5 0. 14. 21s. 23s. 0 3 6. 0 1 0—Feb. 3 weamap, Cornwall 15 10 0. 15 . 403 13 6. 2 10 0—April, 3 denientot, Cornw. 3 11 0. 1½. 1½ 1½ 1 1 1 1 1 2 0. 0 3 0—April, Carmarthon (S.E.) 0 13 6. 1 8s. 14s. 16s. 0 5 9. 0 1 0—July, | 1802 64 | 100 Harwood (ld.),Durham[L.£1] 0 2 2119 Hawkmoor(tin,cop.)Calstock 2 11 000 Hernant(ld.),Liangunog[L.£1] 0 5 100 Harward United (lead) Plint. 74 0 | 0 1% .1% 1% .Oct. 1859 0 — May, 1859 | 5120 Wheal Harriett, Camborne 1000 Wheal Hender (cop.), Crowan 6000 Wh. Henry, Helvn. (lead)[L.] | 3 16 0 11% 1%8ept. 1859 3 19 0 1%Aug. 1859 |
| 1094 West Providence (ti | (n) St P-th 19 19 0 93/ | 1857 60 | 000 Holmbush (id.,ep.)Callington 4 18 000 Huckworthy Bridge (cop.) . 0 11 000 Huntingdon (tin), Buckfastl. 1 0 | 0. 2½2½ 2½Oct. 1859 0. ½ 8s. 10sDsc. 1859 0. 1½ No call. | 5000 Wh. Maxwell (cop.), Growan. 256 Wheal Polmear, St. Austell. | 0 12 6. 1% Dec. 1858 |
| 4096 Wheal Edward (cop. 430 Wheal Lovel (tin), 240 Wheal Reeth (tin), | 33, 52, 524, 53, 54, 54, 54, 54, 54, 54, 54, 54, 54, 54 | 1858 - 18 1856 - 66 1852 - 36 | 000 Keswick (lead), Portinscale . 4 9 940 Lacksmore New Min. Co. [L.] 2 0 000 Lady Bertha (cop.) [S.E.] 1 6 000 Lady Eliza (ld.), Carm. [L.£3] 2 0 | 0. 188 78 1 . Feb. 1859 | 1000 Wh. Prosper (cp., tin), Broage 600 Wheal Rose (lead) | 1 0 0 6 6 July, 1859 2 7 6 12s Aug. 1859 |
| 4096 Wheal Wrey (lead), | tin,cop.), Gwinear. 12 2 6 7 5 5¼ 10 2 6 0 7 6—Jan., St. Ives | 1857 9 20 | 024 Leeds & St. Aubyn (tin, cop.) 14 16 963 Leiant Cons. (tin), Uny Leiant 31 0 000 Llanfyrnach (ld.) Pemb. [L.£5] 5 0 280 Llwynmalees (lead), Wales 10 0 | 3 4Oct. 1858 0 ¾Sept. 1859 0 —Fully paid. | 6000 Wheal Tehidy (cop.), Illogan | 2 13 0 11s 9s. 11sNov. 1859 |
| 2464 Burra Burra (cop.) 12000 Cobre Copper Co. (| FOREIGN MINES.), South Australia. 5 0 0. 156 . 156 . 205 0 0. 5 0 0—Dec. (cop.), Cuba [S.E.] 40 0 0. 49 . 48 49 . 90 12 0. 2 0 0—July, anyany, Chill [S.E.] 16 0 0. 81/4. 71/4 81/6 . 5 18 0. 0 10 0—Mar. | 1859 50 | 000 Lostwithiel (lead & copper) 0 11 | 0 1Feb. 1859 | 6000 Wh.Unity(cop., tin),Gwinear 1024 Wh. Uny (tin, cop.), Redruth 6000 Wheal Welcome (tin, copper) 6400 Whitford (lead), Holywoll | 2 9 6 . 2 4 . Dec. 1859 9 13 6 . 136 . 90s 21s . Nov 1859 29 6 0 . 8 4 . 8 4 9 4 . Oet. 1859 1 0 0 . 5 4 . 6 5 4 . April, 1859 10 15 0 . April, 1859 |
| 10000 Coptago Mining Cor 15000 East Indian Coal, C 70000 English and Austri 25000 Gen. Mining Assoc. | mpany,Chill[8,E, 16 0 0. 8½. 7½ 8½ . 518 0. 0 10 0—Mar. Calcuta [L.] 10 0 0. 10 7½ per cent. Year calian [S.E.] 5 0 0. 1½ 11½ 0 12 6. 0 2 6—Aug Nova Scotia [S.E.] 20 0 0. 26 24 26 . 15 0 0. 0 15 0—Mar. | 1858 16 19. 30 1859 16 1859 6 | 484 Maudiin Mines (copper) 1 0 924 Mill Pool (tin,cop.) St. Hilary 15 9 900 Militown (silld.), Irel. [L.]. 1 0 900 Mold (lead), Flints. [L. £1] 0 14 | 6 4 | 4096 Wrey Consols, Buckfistleigh. | 0 9 3 1 Dec. 1858 |
| 10000 Gt.Barrier Land,M. 78000 Kapunda Mining C 15000 Linares (id.), Poso. 10000 Lusitanian (of Port | Calcutta [L.] 10 0.0 10 14 0.1 | 1859 56 1859 2 | 829 Molland (cop.), S. Moulton 2 1 900 Nanglies (tin.cp.), Kea[L. 410] 1 0 900 Nant. and Penrhiw [L. £3½] 2 10 400 Nant. y-Jago 2 10 400 Nether Heath (lead), Dufton 0 10 | 0 1%1% 1% Nov. 1839 0 5% 5 5% No call. | | The string with a control of the string with t |
| 03815 Mariquita and New 100000 Port Phillip (gold), 11000 St. John del Rey [1 | tugal) [S.E.] 2 0 0 ½ dis. ¾ ½ dis 0 8 9 0 1 3—April w Granada [S.E.] 1 0 0 ½ 5 ½ ½ 0 9 6 0 1 6—July,), Chanes [S.E.] 1 0 0 ½ ½ ½ 0 2 0 0 1 0—July, L.], Brazil [S.E.] 1 5 0 0 20 19 90 36 15 0 0 17 6—Dec. | 1909 60 | 000 New Birch Tor & Villier Coms. 1 5 | 6 3 Nov. 1851 | The second secon | Paid. Nom. Pr. Bus. done |
| 10000 Alten & Onenanses | MINES WITH DIVIDENDS IN ABEYANCE. m Uni.(cop.),Norw. 16 10 0 3 2 3 4 5 0 0 15 0—Nov. ead), France (S.E.) 20 0 0 7 6 7 1 0 0 1 0 0—June, | 1853 1855 | 400 New Crow Hill | 6. 13 Sept. 1859 0. 13 23s. 25s Oct. 1859 0 33 Nov. 1859 0 133 Nov. 1859 | 50000 Australian Agricultural 50000 Australian Royal Mail | graph, A. 50 0 0 37 35 57 32 10 0 108 106 1 |
| | ad), France (S.E. 20 0 0. 7 . 67 . 1 0 0. 1 0 0—June, oper), Cuba (S.E. 16 15 0. 1½ 114 | 1848 25 1853 25 | 300 New Wh. Vor & E. Wh. Metal 6 10 500 N.Wh. Vaddon(cop.), Marazion 0 5 90 N. Budnick (tin,ld.), Perranz. 1 10 024 North Buller (cop.), Redruth. 16 7 | 0. 3% | 3000 Channel Islands Telegraph (L 30000 Crystal Palace | 5 0 0 . 854 . 5 814 100 0 0 . 107 . 108 107 |
| Shares. Mines. 20000 Acadian Charcoal l | Paid. Nom. Pr. Bus. dane. Last Iron, Nova Scotia [L.] | Call. 16 1859 21 1858 16 | 900 North Downs (cop.), Redruth 2 3 900 N.Fortescue (id.), Lostwithiel 0 4 500 North Frances, (cop.) [S.E.]. 12 0 900 North Great Work, Breage 2 0 | 4 534534 534Aug. 1850 0 4 April, 1850 0 6 5 534Dec. 1850 0 3 No call. | 7199 Ditto (New). 70000 Engi. and Austr. Copper Sme 330000 Great Ship [L. £1] 50000 London Discount | |
| 75000 Bon Accord, South 10000 Brazilian Land and 6000 Central American 17000 Central Italian Con- | r), South Australia [S. E.]. 7 7 6 36 34 1 . Sept. h Australia (G. E.). 7 1 5 0 34 35 36 . Sept. h Australia (copper) [L. £1] (S. E.]. 0 1 5 0 3 2 35 36 . Sept. h Australia (copper) [L. £1] (S. E.]. 5 0 0 2 24 . Fully (d. Mining [L.] (S. E.]. 5 0 0 6 2 . Fully (copper), (7000 £2 paid]. 0 6 0 — . Jan. 6 (copper), Agmanica [S. E.]. 0 15 0 36 . May, pompany (lead), Ribenish Prussia 1 4 0 4 3 June ([L.], Chili 10 0 86 5 3 June ([L.], Chili 10 0 86 5 3 4 5 36 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 48 55 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 48 55 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 48 55 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 48 55 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 48 55 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 48 55 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 48 55 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 48 55 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 48 55 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 48 55 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 48 55 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 48 55 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 1 0 4 55 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 1 0 4 5 5 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 1 0 4 5 5 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 1 0 4 5 5 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 4 5 5 5 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 4 5 5 5 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 4 5 5 5 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 4 5 5 5 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 4 5 5 5 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 4 5 5 5 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 4 5 5 5 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 4 5 5 5 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 4 5 5 5 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 4 5 5 5 37 . Fully opper), New Zealand [L.] [S. E.]. 1 0 0 4 5 5 5 37 . Fully opper), | 1859 13 | 308 North Grambler, Redruth 1 17 308 N. Laxey (id.) I. of Man [L.£3] 0 10 300 North Levant(tin.cp.) St. Just 6 10 300 North Minera (lead) [L.£5]. 4 10 | 6. 3½ Sept. 1850 | 88676 North British Australasian [| .E.1 1 00 1 3 1 |
| 53040 Cologne Mining Co 10000 Copiapo Smelting | opper), [7000 £2 paid] 0 6 0 | 1856 4 | 512 North Penhaldarva (lead) 1 5 096 North Rosewarne, Gwinear 0 2 848 N. Treskerby (cop.), St. Agnes 5 10 | 6. 5 . 51/4 6June, 1850 | 8 600000 Peel River Land and Mining 30000 Peninsular and Oriental Stea 9 20000 Peninsular and Oriental Stea | m (New) 10 00 13 pm11 13 pm |
| 20000 Eilersite and Bard 8000 Eng. and Canadian 25000 Fortuna (lead), 89 | opper), New Zealand [L.] [S.E.] | 1859 1 1859 5 | 122 North Wheal Crofty [S.E.]. 9 18 | 9. 10% 9 10 Oct. 185 | 40000 Red Sea and India Telegraph 15000 Royal Mail Steam | [L. 220]. 10 0 0 % pm % % pm 60 0 0 63 50 52 |
| 4000 Great Northern (c 4000 Hope Stiver-Lead 15000 Haeiva Copper Mi 60000 New Granada (col | a Mining Co., Lim. [4000 £5 pd., 4000 £3] 3 10 0 Oct. pain [L. [S.E.] 2 0 0 314 3 314 Fully copper, South Australia [L. £3] 0 10 6 4 Nov. and Copper Mining Comp. [L.], Jamaica. 25 0 0 Nov. pain [L. £3] 0 10 0 Nov. pain [L. £3] 0 10 0 Nov. pain [J. £4] 10 Nov. pa | paid. 7 | 144 N. Wh. Robert, Samp. Spiney 2 10 224 North Wheal Trelaway (lead) 2 1 000 Onth Wh. Vor (tin), Breage. 2 2 000 Oakamoorand Stanton [L. £1] 0 1 006 Okel Tor (lead), Calstock 4 11 | 6. 14 | 9 75000 Submarine Telegraph Scrip. 9 75000 Submarine Telegraph Registe 9 10000 Van Diemen's Land | 25 0 0 38 38 38 1 0 0 1 34 1 red 1 0 0 1 34 1 28 10 0 15 13 14 |
| 10000 New Grand Duch; 60000 North Rhine Copp 80000 Scottish Australia 15000 South Europe Min | 1d0), South America [S.E.] 1 0 3 Fully yet Baden (sitver-lead), near Freiburg 0 15 0 3 Nov. per of South Anstralia [L. £1] [S.E.] 0 10 0 3 34 34 Nov. per of South Anstralia [L. £1] 0 10 0 3 34 34 Nov. per of South Anstralia [L. £1] 0 10 0 34 34 36 Nov. per of South Anstralia [L. £1] 0 0 9 Nov. per of South Anstralia [L. £1] 0 0 9 Nov. per of South Anstralia [L. £1] 0 0 Nov. per of South Anstralia [L. £1] Nov. per of South An | 1858 | *.* Those mines with [S. E.] appende | ed have been admitted on the Stor Limite | Exchange. Those mines with [L.] and Liability. | ppended have been incorporated with |
| 50000 St. John's United 25000 Victor Emanuel, V | nang Company, Spain [L. £6] | 1859 paid. | Our object being to make the Share | List correct, we carnestly call up | on all who have the power, to aid us, by | forwarding any alterations or correc- |